

SITE ASSESSMENT, REMEDIATION, AND CLOSURE REPORT

Cotton Draw Unit #135H

Incident ID NAB1534451906 API: 30-015-38533

Prepared By: Pima Environmental Services, LLC

Prepared For:
Devon Energy Production, LP

JANUARY 28, 2025
PIMA ENVIRONMENTAL SERVICES, LLC
5614 N Lovington Hwy, Hobbs, NM 88240

P

January 28, 2025

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

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

Re: Site Assessment, Remediation, and Closure Report

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. NAB1534451906

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a site assessment, remediation, and write this closure report for a crude oil release that occurred on November 30, 2015, at the Cotton Draw Unit #135H (CDU). The initial C-141 was submitted on December 08, 2015 (Appendix C). This incident was assigned Incident ID NAB1534451906 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). Reference Figure 2 for a Topographic Map.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 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										
Donth to Crowndurator (Annondin A)	Constituent & Limits									
Depth to Groundwater (Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene					
<50′	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg					
51-100′	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					
>100′	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					

Release Information

<u>NAB1534451906</u>: On November 30th, 2015, Pump housing on the LACT unit split causing the oil from oil tanks to spill over. This caused the release of 110 barrels of oil. The valve on the oil tank was shut in to prevent any further release. The pump was repaired. The area affected is listed as 110 barrels of oil released on the North, Northwest side of the facility, 100 barrels of oil were recovered via vacuum truck. The affected area was 100' x 200'. All released fluid remained on location.



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. An Initial Site Map can be found in Figure 4.

6-26-2023 Soil Sample Results

	NMOC	D Table 1 Clos		3 Soil Sample .15.29 NMAC		roundwater is 5:	1-100')	
			EVON ENERGY				<u> </u>	
	9	Sample Date:6	/26/2023	NM A	Approved La	boratory Results	5	
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	1'	ND	ND	ND	197	259	456	ND
S-1	3'	ND	ND	ND	ND	ND	0	ND
3-1	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	40.7	71.9	112.6	ND
S-2	3'	ND	ND	ND	ND	ND	0	29
3-2	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
S-3	3'	ND	ND	ND	ND	ND	0	52.3
3-3	4'	ND	ND	ND	ND	ND	0	75.3
	5'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	39.3
C 4	3'	ND	ND	ND	ND	ND	0	52.8
S-4	4'	ND	ND	ND	ND	ND	0	82
	5'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	396	400	796	ND
6.5	3'	ND	ND	ND	ND	ND	0	ND
S-5	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	116
6.6	3'	ND	ND	ND	ND	ND	0	138
S-6	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/0: 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: 239907 but was rejected by the NMOCD for the following reasons:

Countermeasures Due to Closure Rejection: (239907)

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#) NAB1534451906.

Closure denied. Report refers to produced water release but C-141 identifies the release material as oil. Sampling does not meet 19.15.29.12 D. Additional hydrocarbons exceed 100 ppm in the top 4 feet. Additional delineation is required. The release area is not adequately sampled. Submit a report by 11/20/2023.

The rejected C-141 can be found in the OCD Online: Permitting-Action Status, under Application ID: 239907. 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 further 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. A Site Map for this sampling event is referenced in Figure 5. Complete Laboratory Reports can be found in Appendix E.

10-25-24 Soil Sample Results

NMO	CD Table 1	L Closure	Criteria 19.	15.29 NN	1AC (Depth	to Groui	ndwater is 5	1-100')					
		DE	VON ENER	GY Cotto	n Draw Ur	nit 135H							
Date: 10-2	5-24	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					
	1'	ND	ND	ND	ND	ND	0	ND					
S1	2'	ND	ND	ND	ND	ND	0	ND					
31	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	3.08	ND	26.6	5300	1790	7119.68	ND					
S2	2'	ND	ND	ND	138	76.3	214.3	ND					
32	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	2.39	ND	23.2	5370	1770	7165.59	ND					
S3	2'	ND	ND	ND	ND	ND	0	ND					
33	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	96.9	115	211.9	ND					
C 4	2'	ND	ND	ND	ND	ND	0	ND					
S4	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					



NIV	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')												
		C	EVON ENE	RGY Cott	on Draw U	nit 135H							
Date: 10	-25-24			NM App	roved Lab	oratory F	Results						
Sample	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl					
ID.	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg					
	1'	ND	ND	ND	197	197	394	ND					
C.E.	2'	ND	ND	ND	ND	ND	0	ND					
S5	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S6	2'	ND	ND	ND	ND	ND	0	ND					
30	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	35.9	ND	35.9	ND					
S 7	2'	ND	ND	ND	46.2	ND	46.2	ND					
37	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	6.66	ND	258	5400	1680	7344.66	ND					
S8	2'	ND	ND	ND	125	98.6	223.6	ND					
30	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	4.446	ND	192	9870	3460	13526.446	ND					
S9	2'	ND	ND	ND	ND	ND	0	ND					
39	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	0.0495	ND	ND	1140	496	1636.0495	ND					
S10	2'	ND	ND	ND	ND	ND	0	ND					
310	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	194	222	416	ND					
S11	2'	ND	ND	ND	ND	ND	0	ND					
J11	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S12	2'	ND	ND	ND	ND	ND	0	ND					
312	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	55	52.6	107.6	ND					
S13	2'	ND	ND	ND	ND	ND	0	ND					
S13	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					



NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')												
		C	EVON ENE	RGY Cott	on Draw U	nit 135H							
Date: 10-	25-24			NM Ap	proved Lal	oratory I	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					
	1'	ND	ND	ND	38.4	ND	38.4	ND					
S14	2'	ND	ND	ND	ND	ND	0	ND					
314	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	5.98	ND	209	9020	3070	12304.98	ND					
S15	2'	ND	ND	ND	ND	ND	0	ND					
313	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	5.07	ND	115	7750	2950	10820.07	ND					
S16	2'	0.107	ND	ND	ND	ND	0.107	ND					
310	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	307	327	634	ND					
S17	2'	ND	ND	ND	ND	ND	0	ND					
317	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	314	210	524	ND					
C1 0	2'	ND	ND	ND	ND	ND	0	ND					
S18	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
C1 O	2'	ND	ND	ND	ND	ND	0	ND					
S19	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	84.7	94.7	179.4	ND					
620	2'	ND	ND	ND	ND	ND	0	ND					
S20	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	10.8	ND	182	8520	2340	11052.8	ND					
C24	2'	ND	ND	ND	ND	ND	0	ND					
S21	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	5.29	ND	124	6460	2030	8619.29	ND					
622	2'	ND	ND	ND	48.1	63.6	111.7	ND					
S22	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					



NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')												
			EVON ENE	RGY Cott	on Draw U	nit 135H							
Date: 10-	25-24			NM Ap	proved Lak	oratory F	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					
	1'	ND	ND	ND	151	169	320	ND					
S23	2'	ND	ND	ND	ND	ND	0	ND					
323	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	141	139	280	ND					
S24	2'	ND	ND	ND	ND	ND	0	ND					
324	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S25	2'	ND	ND	ND	ND	ND	0	ND					
323	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
cac	2'	ND	ND	ND	ND	ND	0	ND					
S26	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S27	2'	ND	ND	ND	ND	ND	0	ND					
327	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S28	2'	ND	ND	ND	ND	ND	0	ND					
328	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	30.8	ND	30.8	ND					
520	2'	ND	ND	ND	ND	ND	0	ND					
S29	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	117	55	172	ND					
can	2'	ND	ND	ND	ND	ND	0	ND					
S30	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
C21	2'	ND	ND	ND	ND	ND	0	ND					
S31	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					



NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') DEVON ENERGY Cotton Draw Unit 135H												
		C	EVON ENE	RGY Cott	on Draw U	nit 135H							
Date: 10-	25-24			NM Ap	proved Lak	oratory F	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					
	1'	ND	ND	ND	ND	ND	0	ND					
caa	2'	ND	ND	ND	ND	ND	0	ND					
S32	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
caa	2'	ND	ND	ND	ND	ND	0	ND					
S33	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
62.4	2'	ND	ND	ND	ND	ND	0	ND					
S34	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	37	ND	37	ND					
625	2'	ND	ND	ND	ND	ND	0	ND					
S35	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	80.6	ND	80.6	ND					
S36	2'	ND	ND	ND	ND	ND	0	ND					
330	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
527	2'	ND	ND	ND	ND	ND	0	ND					
S37	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S38	2'	ND	ND	ND	ND	ND	0	ND					
<i>ა</i> აი	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S39	2'	ND	ND	ND	ND	ND	0	ND					
333	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
\$40	2'	ND	ND	ND	ND	ND	0	ND					
S40 -	3'	ND	ND	ND	ND	ND	0	ND					
	4'	ND	ND	ND	ND	ND	0	ND					



NM	OCD Table	1 Closure	Criteria 19	.15.29 N	MAC (Dept	h to Grou	ındwater is 5	51-100')				
			EVON ENE	RGY Cott	on Draw U	nit 135H						
Date: 10-	e: 10-25-24 NM Approved Laboratory Results											
Sample ID	Depth (BGS)	BTEX mg/kg	TPH									
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

Remediation Activities

Between January 7th and January 13th, 2025, Devon Energy conducted excavation activities using a heavy equipment operator and a Pima field technician to remediate the existing contamination. The estimated volume of soil that was remediated was based on a 200 square foot area per sample point, totaling 1,800 square feet at a depth of 1 ½' below ground surface (BGS). Resulting in the removal of approximately 100 cubic yards of contaminated soil, which was securely transported to Lea Land, LLC, an approved NMOCD oilfield waste disposal facility. An Excavation Map is referenced in Figure 6. Photographic Documentation of the excavation is referenced in Appendix D.

On January 13, 2025, Devon Energy submitted a 48-Hour Sampling Notification in preparation to conduct the confirmation sampling event on January 15, 2025. For additional details, the 48-Hour Sampling Notification can be found in Appendix C.

On January 15, 2025, a Pima field technician conducted the confirmation sampling event at the CDU. A total of nine (9) bottom composite samples were collected from the base of the excavation labeled CS1- CS9. A total of sixteen (16) composite sidewall samples were collected from the excavated area labeled CSW1-CSW16. Each soil sample was a 5-point composite sample collected from the excavated area, not exceeding a 200 square foot area from the base and walls of the excavated areas. A total of twenty-five (25) samples were collected for laboratory analysis for total chloride using EPA Method 200.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were places into laboratory supplied glassware, labeled, and maintained on ice until delivery to Envirotech Analytical Laboratories, in Farmington, New Mexico. A Confirmation Sample Map can be referenced in Figure 7.

The results of this confirmation sampling event are summarized in the following data table. Complete Laboratory Reports can be found in Appendix E.

NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')										
DEVON ENERGY Cotton Draw Unit #135H											
Date: 1-15-25 NM Approved Laboratory Results											
Sample ID	Depth (BGS)	BTEX mg/kg	TPH								
CS1	1 1/2'Comp	ND	ND	ND	ND	ND	0	88			
CS2	1 1/2'Comp	ND	ND	ND	ND	ND	0	93.7			



NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')												
		DEV	ON ENERG										
Date: 1-1	L5-25			NM App	roved Lab	oratory R	esults Total						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	TPH mg/kg	Cl mg/kg					
CS3	1 1/2'Comp	ND	ND	ND	ND	ND	0	96.1					
CS4	1 1/2'Comp	ND	ND	ND	ND	ND	0	89.4					
CS5	1 1/2'Comp	ND	ND	ND	ND	ND	0	86.9					
CS6	1 1/2'Comp	ND	ND	ND	ND	ND	0	102					
CS7	1 1/2'Comp	ND	ND	ND	ND	ND	0	94.3					
CS8	1 1/2'Comp	ND	ND	ND	ND	ND	0	90.8					
CS9	1 1/2'Comp	ND	ND	ND	ND	ND	0	74					
CSW1	1 1/2'Comp	ND	ND	ND	ND	ND	0	86.4					
CSW2	1 1/2'Comp	ND	ND	ND	ND	ND	0	99.7					
CSW3	1 1/2'Comp	ND	ND	ND	ND	ND	0	108					
CSW4	1 1/2'Comp	ND	ND	ND	ND	ND	0	95.2					
CSW5	1 1/2'Comp	ND	ND	ND	ND	ND	0	93.3					
CSW6	1 1/2'Comp	ND	ND	ND	ND	ND	0	93.1					
CSW7	1 1/2'Comp	ND	ND	ND	ND	ND	0	87.7					
CSW8	1 1/2'Comp	ND	ND	ND	ND	ND	0	91.5					
CSW9	1 1/2'Comp	ND	ND	ND	ND	ND	0	89.2					
CSW10	1 1/2'Comp	ND	ND	ND	ND	ND	0	91.4					
CSW11	1 1/2'Comp	ND	ND	ND	ND	ND	0	88.6					
CSW12	1 1/2'Comp	ND	ND	ND	ND	ND	0	77.2					
CSW13	1 1/2'Comp	ND	ND	ND	ND	ND	0	98.3					
CSW14	1 1/2'Comp	ND	ND	ND	ND	ND	0	97.9					
CSW15	1 1/2'Comp	ND	ND	ND	ND	ND	0	99.7					
CSW16	1 1/2'Comp	ND	ND	ND	ND	ND	0	ND					

ND/0- Analyte Not Detected



Upon confirmation that all soil samples met the closure standards set by the New Mexico Oil Conservation Division (NMOCD), clean backfill material was brought in to restore the excavated area to its original state.

Closure Request

After careful review, Pima requests that this incident, NAB1534451906, be closed. Devon Energy has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Respectfully,

DelRae Geller

DelRae Geller Project Manager Pima Environmental Services, LLC.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Initial Site Map
- 5- Site Map
- 6- Excavation Map
- 7- Confirmation Sample Map

Appendices:

Appendix A - Referenced Water Surveys

Appendix B - Soil Survey and Geological Data

Appendix C - C-141 Form & 48-Hour Sampling Notification

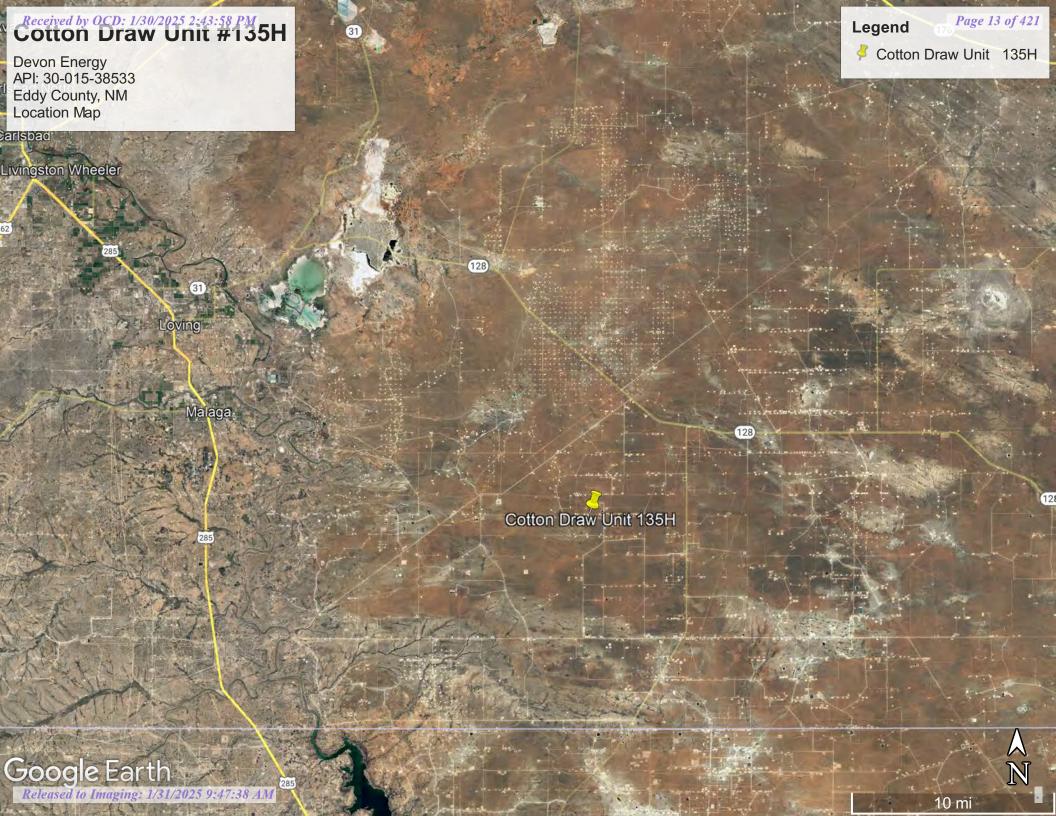
Appendix D - Photographic Documentation

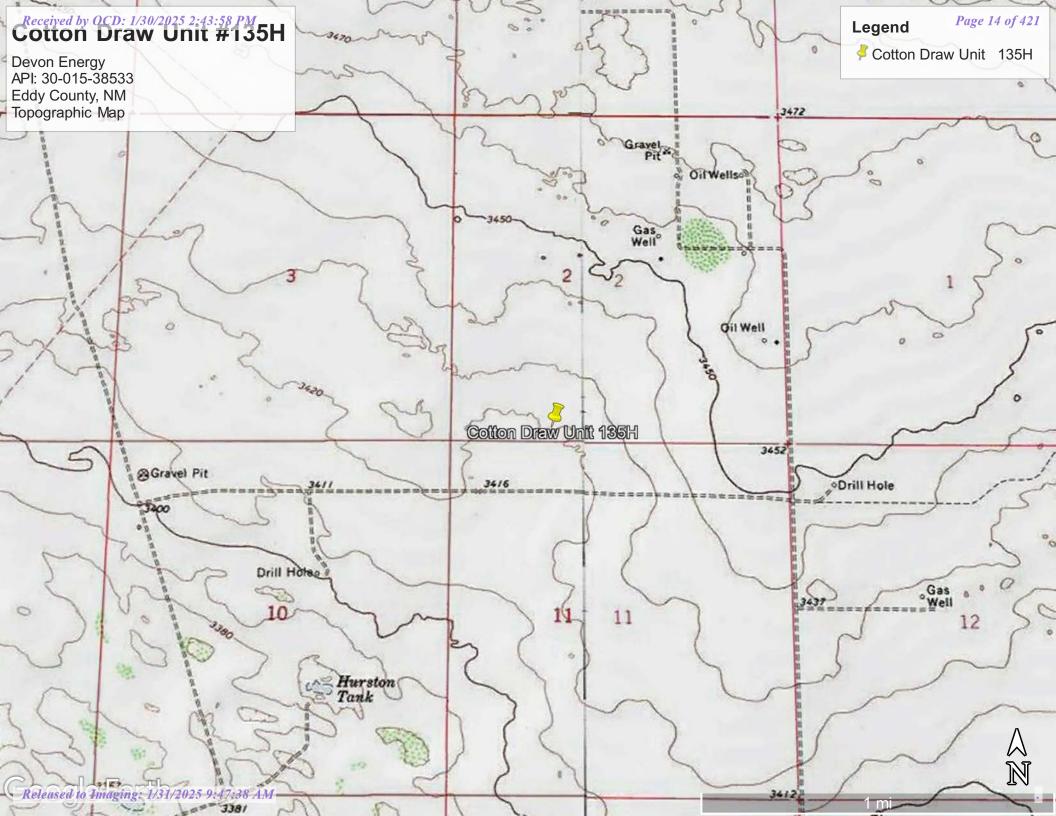
Appendix E – Laboratory Reports



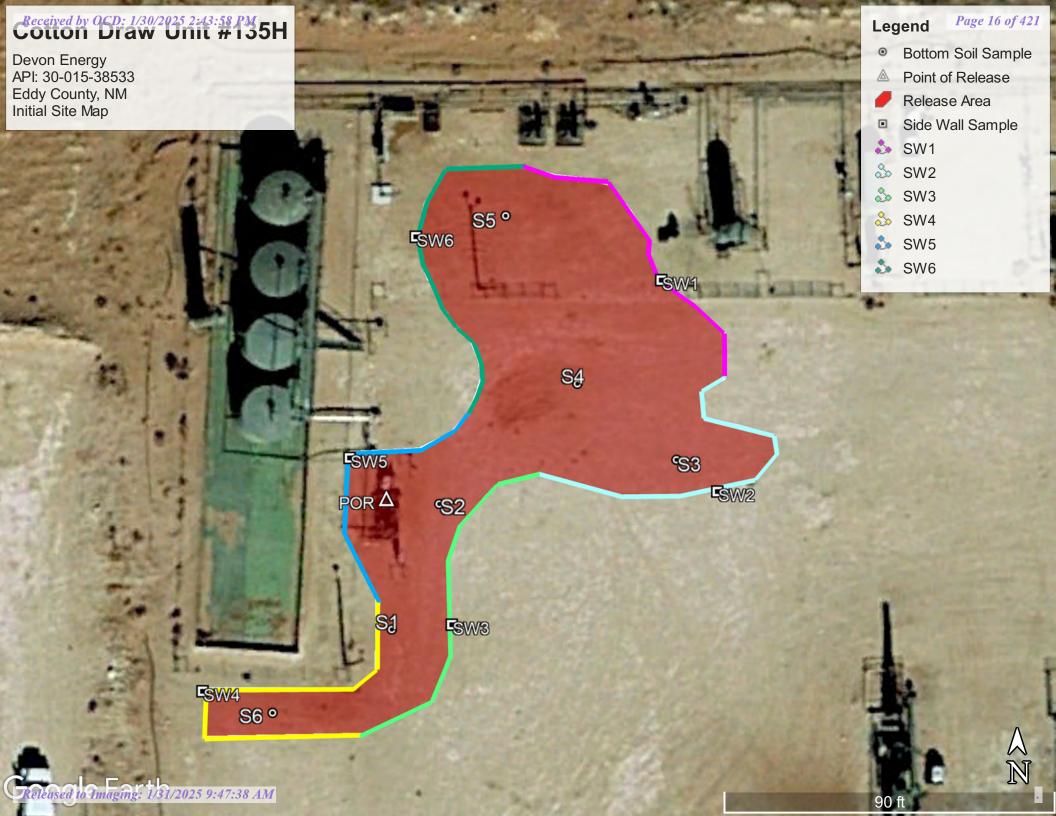
Figures:

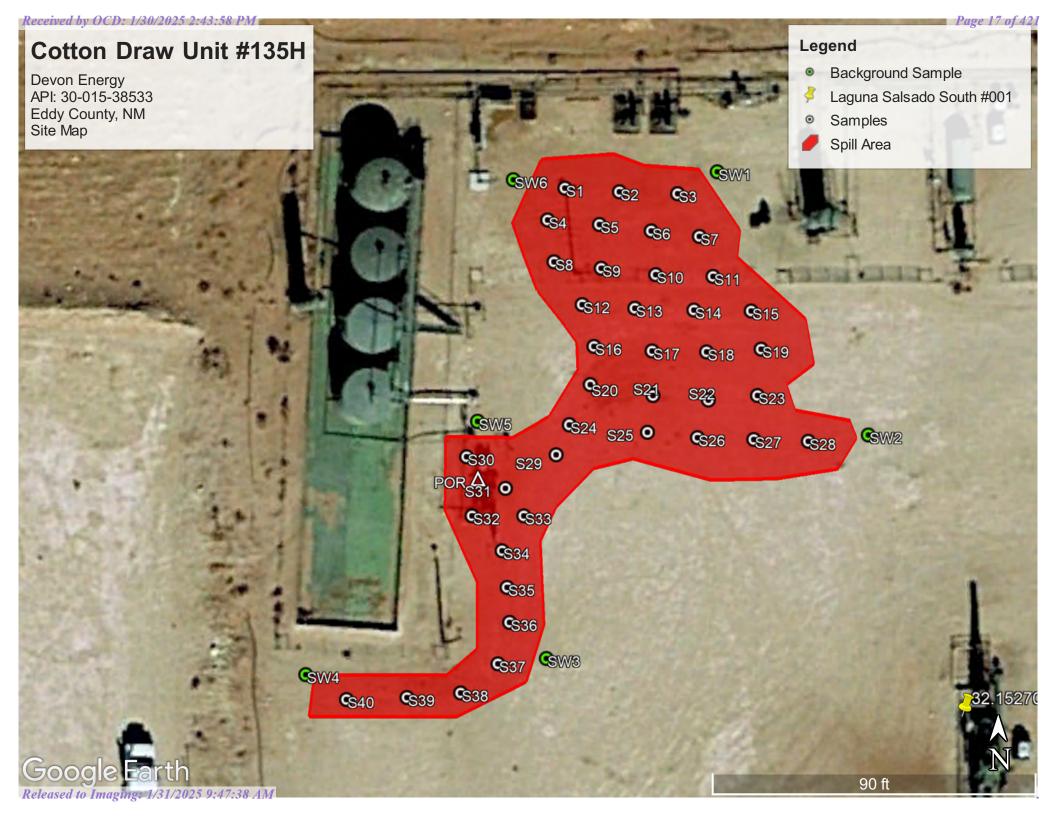
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Initial Site Map
- 5- Site Map
- 6-Excavation Map
- 7-Confirmation Sample Map

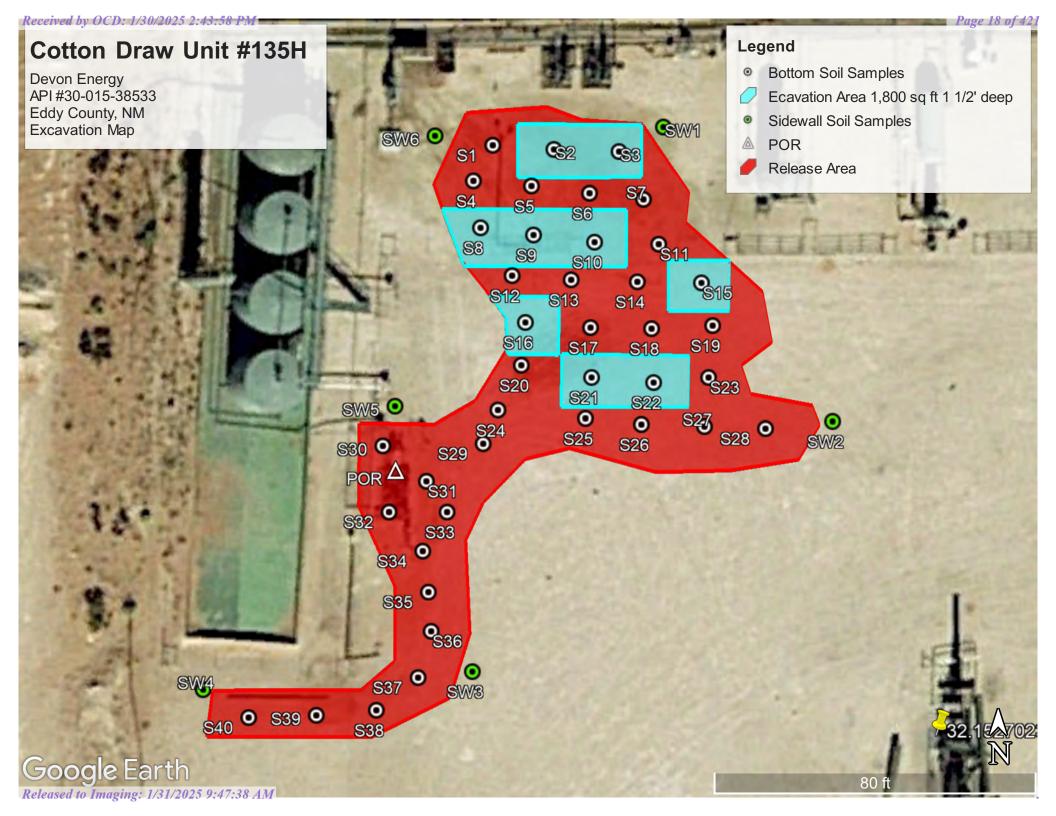


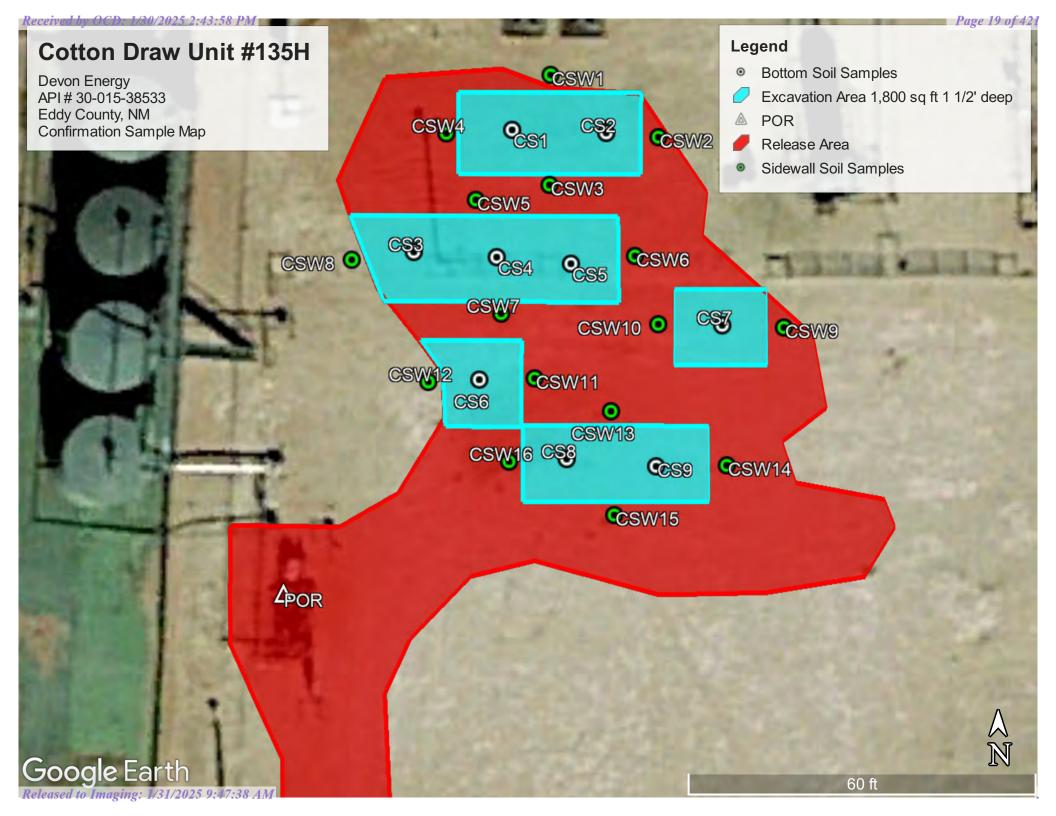














Appendix A

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 Sub-		0	Q	O								v	Vater
POD Number	Code		County				Sec	Tws	Rng	X	Y	DistanceDo	epthWellDe	epthWater Co	
<u>C 04632 POD1</u>		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		
<u>C 02570</u>		CUB	ED	4	2	4	02	25S	31E	618704	3558489*	1109	895		
<u>C 02569</u>		CUB	ED	4	4	2	02	25S	31E	618699	3558891*	1317	1016		
<u>C 02573</u>		CUB	ED	1	4	2	02	25S	31E	618499	3559091*	1321			
<u>C 02571</u>		CUB	ED	4	1	2	02	25S	31E	618292	3559294*	1383	860		
<u>C 02574</u>		CUB	ED	1	1	2	02	25S	31E	618092	3559494*	1499			
<u>C 02572</u>		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	1602	852		
<u>C 02568</u>		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

UTMNAD83 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

NA C 04632 POD1 10 25S 31E 3557964

Driller License: 1249

Driller Company:

ATKINS ENGINEERING ASSOC. INC.

616802

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:

Pipe Discharge Size:

Source: **Estimated Yield:**

Pump Type: Casing Size: Depth Well:

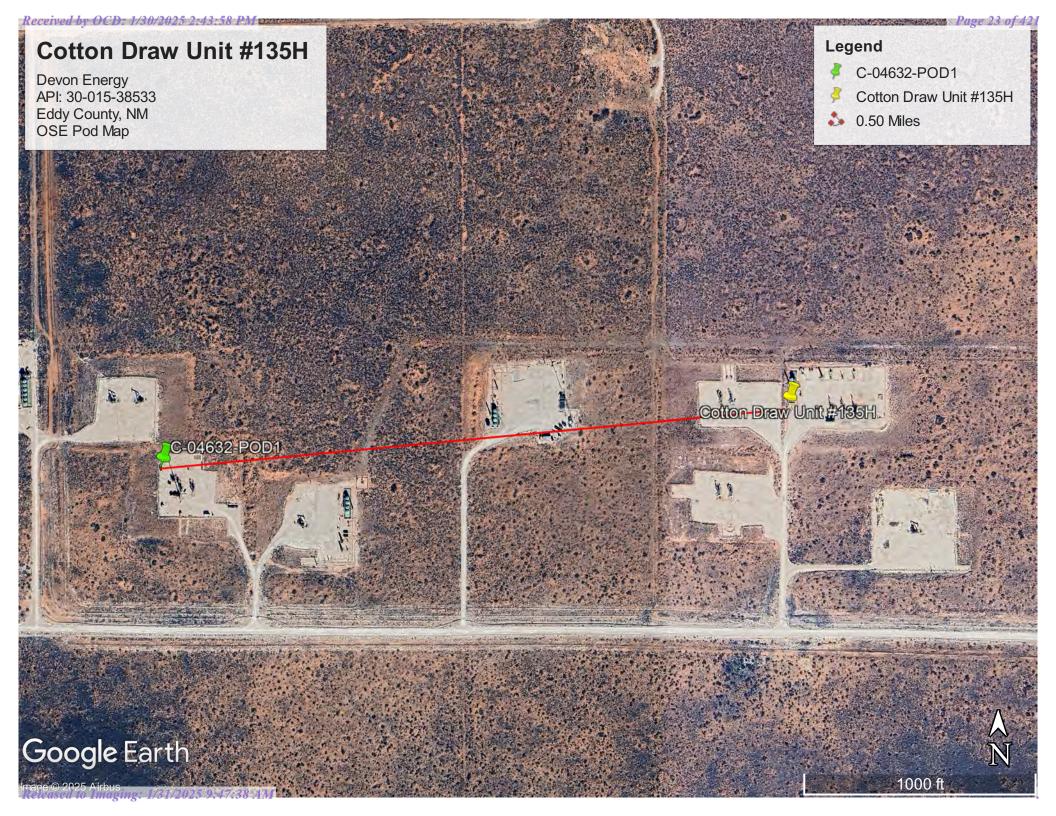
55 feet

Depth Water:

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

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:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 320932103443801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320932103443801 25S.31E.02.23441

Available data for this site Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

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

Land-surface elevation 3,460.00 feet above NGVD29

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

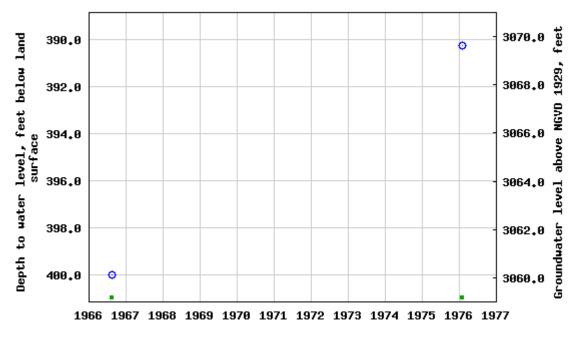
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

Output formats

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

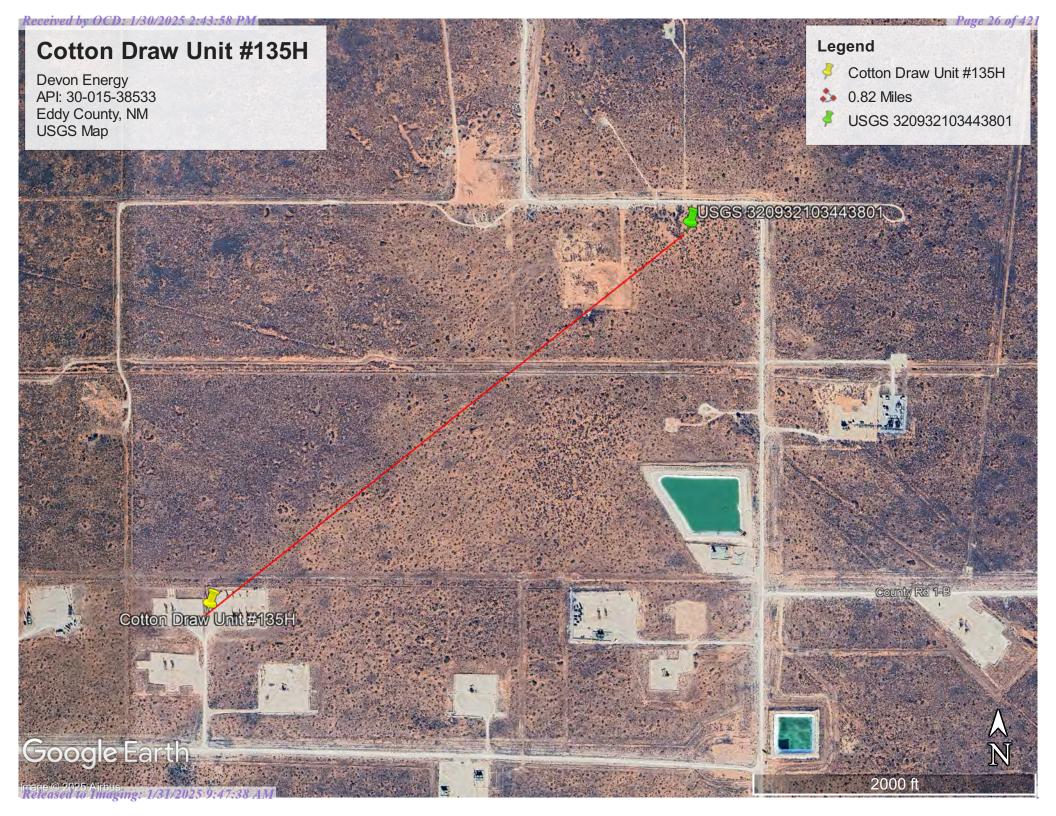
USGS 320932103443801 255,31E,02,23441

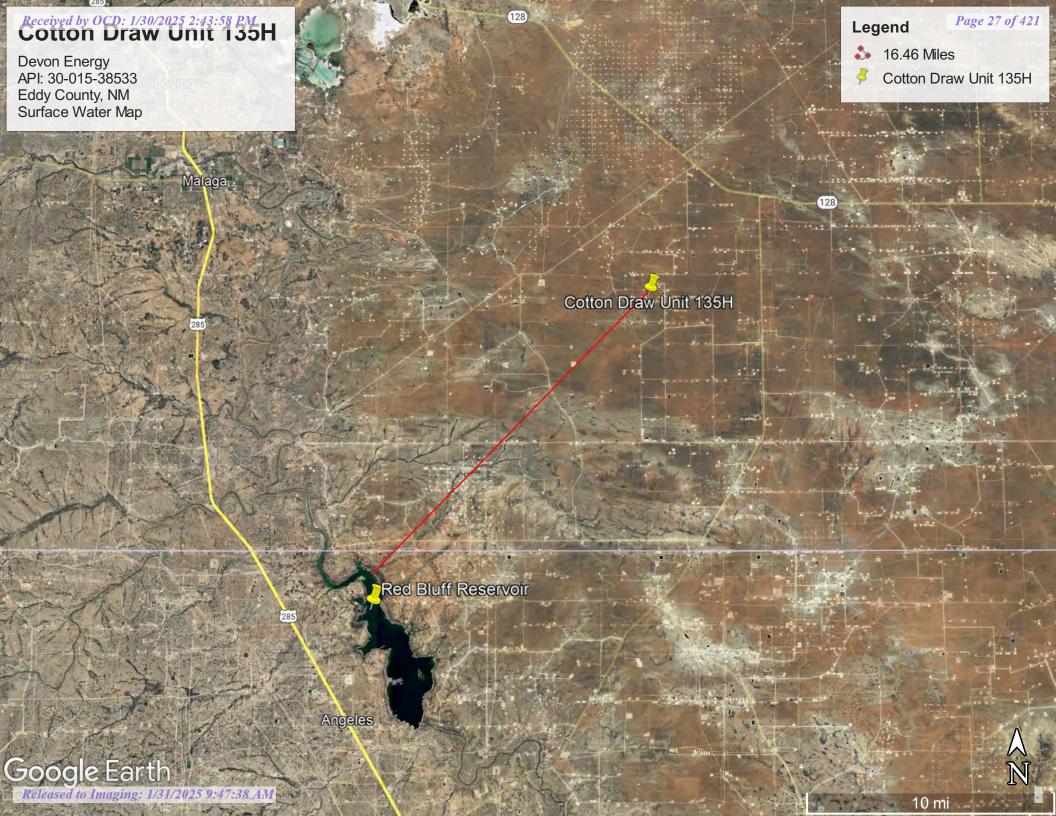


- Period of approved data

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

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms







Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Eddy Area, New Mexico

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

Map Unit Setting

National map unit symbol: 1w43 Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent Pajarito and similar soils: 25 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand

H2 - 17 to 58 inches: sandy clay loam H3 - 58 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0

mmhos/cm)

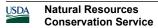
Sodium adsorption ratio, maximum: 1.0

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

inches)

Interpretive groups

Land capability classification (irrigated): None specified



Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Pajarito

Setting

Landform: Dunes, plains, interdunes

Landform position (three-dimensional): Side slope

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

Parent material: Mixed alluvium and/or eolian sands

Typical profile

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

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): High

(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

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

inches)

Interpretive groups

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

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Wink

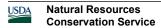
Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Cacique

Percent of map unit: 4 percent



Ecological site: R070BD004NM - Sandy Hydric soil rating: No

Kermit

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

Hydric soil rating: No

Data Source Information

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





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



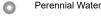
Marsh or swamp



Mine or Quarry



Miscellaneous Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot

Spoil Area



Stony Spot



Very Stony Spot



Wet Spot Other



Special Line Features

Water Features

Streams and Canals

Transportation



Rails

Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

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

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

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

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

Map Unit Legend

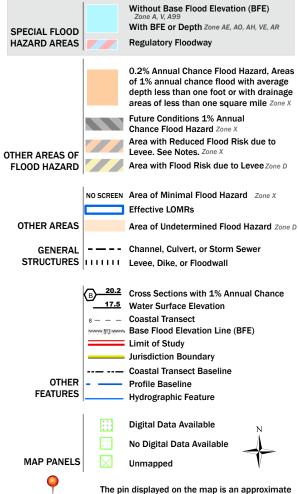
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
ВВ	Berino complex, 0 to 3 percent slopes, eroded	7.6	100.0%
Totals for Area of Interest		7.6	100.0%

National Flood Hazard Layer FIRMette





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



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

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

point selected by the user and does not represent

an authoritative property location.

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.



2.000



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

Other

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



Appendix C

C-141 Form 48-Hour Sampling Notification

Received by OCD: 1/30/2025 2:43:58 PM

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

811 S. First St., Artesia, NM 88210 District III

District II

District IV

NM OIL CONSERVATION

Page 39 of 421

ARTESIA DISTRICT

DEC 0 8 2015

Form C-141 Revised August 8, 2011

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in RECEIVED dance with 19.15.29 NMAC. 1220 South St. Francis Dr.

Release Notification and Corrective Action												
NABLE	0AB1534451906 OPERATOR ⊠ Initial Report ☐ Final Report											
Name of Co	Name of Company Devon Energy Production Company 6/37 Contact Garry Michael, Production Foreman											
					Telephone No. 575-513-4895							
Facility Na	me Cottor	Draw Unit	135H			Facility Ty	oe Oil					
Surface Ow	ner Fede	eral		Mineral (Owner	State			API No	30-015-3	8533	
				LOCA	TION	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/	/South Line Feet from the East/V			West Line County			
N	2	258	31E	200	S	South	1600	V	West Eddy			
		L	atitude:	N 32`15`27.67'		Lon	gitude: W -103	3175120	,49"			
				NAT	URE (OF RELI	EASE					
Type of Rele	ase Spill					Volume of			Volume l	Recovered		
Oil						110bbls			100bbls			
Source of Re							Hour of Occurre			Hour of Di		
Pump housing Was Immedi	g on LACI	Civen?	wo			If YES, To	30, 2015 10:17 A	M	Novembe	r 30, 2015 1	U: 17 A	<u>vi</u>
was illinedi	ate motice		l Yes □] No □ Not Ro	auired	Kellie Jone						
					•	Jim Amos,						
By Whom?						Date and I						
Matt Nettles,	Assistant I	Production For	reman			Kellie Jones, OCD December 1, 2015 10:15 AM Jim Amos, BLM December 1, 2015 10:17AM						
Was a Water	roource Do	anhad?				·						
was a water	icourse Ke		Yes 🗵	No		N/A	If YES, Volume Impacting the Watercourse N/A					
If a Waterco N/A												
Describe Car												
				causing the oil frum causing the oil frum causing the		anks to spill o	over. This caused	la 110b	bl oil relea	se. The valve	e on the	oil tank
Describe Are					*11.	100111 6 5				4 CC . 1		1002 2003
				West side of the famoust of the famous and the mental agency to				ia vacui	im truck. I	ne affected	area wa	s 100 x200 .
7 m released r	idio reman	ica on locatio	ii. Eii ii oii	mental agency to	oc coma	eted to reme	dia (KA)					
				is true and comp								
				nd/or file certain r								
•				ce of a C-141 reporting the control of a C-141 reporting to a control of the cont	•			-		-		
or the environ	ment. In a	addition. NMC	accquatery OCD accer	tance of a C-141	report de	es not reliev	e the operator of i	resnonsi	bility for c	ompliance w	ith any	other
federal, state,					. • [,_,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
	_					OIL CONSERVATION DIVISION						
Signature: Corina Moya						(n)	f. s					
						Signed By	M	14 DE	sorteles -	-		
Printed Name: Corina Moya				Approved by	Environmental Š	pecialisi	:					
Title: Field Admin Support				,	Approval Dat	e: /2/10/	<i>15</i> 1	Expiration	Date: 🆊	H		
E-mail Addre	ess: corina.	mova@dvn.c	om:		(Conditions of	Approval:				_	
					Remediation per O.C.D. Rules & Guide lines and Indian Indi							
	12.3.2015		hone: 575	.746.5587		SUBMIT F	EMEDIATION	PRO	POSAL N	10		
Attach Addi					LATER TH		طلك			200	3437	

Bratcher, Mike, EMNRD

From: Fisher, Sheila <Sheila.Fisher@dvn.com>

Sent: Tuesday, December 08, 2015 3:18 PM

To: Jim Amos (jamos@blm.gov); Shelly Tucker (stucker@blm.gov); Patterson, Heather,

EMNRD; Bratcher, Mike, EMNRD

Cc: Fulks, Brett; Scrogum, Sandy; Nettles, Matt; Michael, Garry

Subject: Cotton Draw Unit 135H_110bbl oil release_11.30.15

Attachments: Cotton Draw Unit 135H_110bbl oil release_Initial C-141_11.30.15.doc; Cotton Draw Unit

135H_110bbl oil release_GIS Image_11.30.15.pdf; Cotton Draw Unit 135H_110bbl oil

release_picture 1 of 1_11.30.15.jpg

Good Morning,

Attached please find the Initial C-141, GIS Image and photo for the 110bbl oil release at the Cotton Draw Unit 135H on 11.30.15.

If you have any questions please feel free to contact me.

Thank you,

Sheila Fisher
Field Admin Support
Production
A-Schedule

Devon Energy Corporation PO Box 250 Artesia, NM 88211 575 748 1829 Direct



devon

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.

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 419974

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	419974
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAB1534451906					
Incident Name	NAB1534451906 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	
Site Name	COTTON DRAW UNIT #135H
Date Release Discovered	11/30/2015
Surface Owner	Federal

Sampling Event General Information					
Please answer all the questions in this group.					
What is the sampling surface area in square feet	1,800				
What is the estimated number of samples that will be gathered	25				
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/15/2025				
Time sampling will commence	11:00 AM				
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054				
Please provide any information necessary for navigation to sampling site	32.1527023, -103.7520752				

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 419974

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	419974
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/13/2025



Appendix D

Photographic Documentation

Page 44 of 421

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #135H

Assessment:



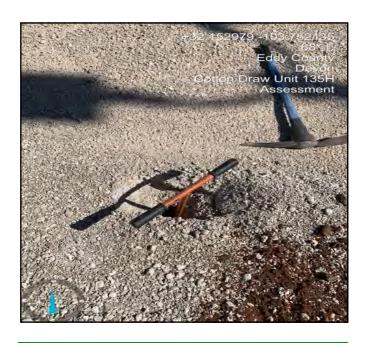


Site Information Sign.

Photograph of site tech assessing the area facing southwest.



Photograph of site tech assessing the area facing northwest.



Photograph of site tech assessing the area facing east.





Photograph of site tech assessing the area facing northwest.



Photograph of site tech assessing the area facing southwest.

Page 46 of 421

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #135H

Pre- Excavation:



Photo taken pursuant to excavation facing west.



Photo taken pursuant to excavation facing northeast.

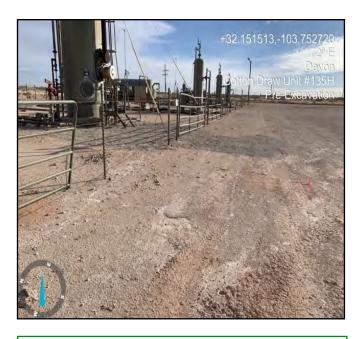


Photo taken pursuant to excavation facing east.



Photo taken pursuant to excavation facing southeast.

Page 47 of 421

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #135H

Excavation:



Photo taken during the excavation process facing southwest.



Photo taken during the excavation process facing northeast.



Photo taken during the excavation process.



Photo taken during the excavation process.

PHOTOGRAPHIC DOCUMENTATION



SITE NAME: Cotton Draw Unit #135H

Backfill:



Photo of the excavated area backfilled with clean material/aerial photos of location.



Photo of the excavated area backfilled with clean material/aerial photos of location.



Photo of the excavated area backfilled with clean material/aerial photos of location.



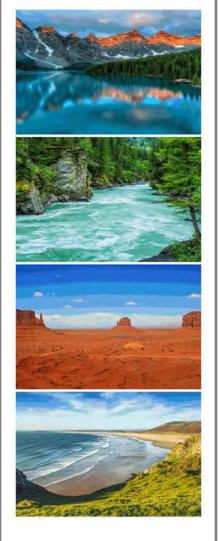
Photo of the excavated area backfilled with clean material/aerial photos of location.



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

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

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

Respectfully,

Walter Hinchman

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Donoutoda
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/26/23 13:56

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.

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	4/26/2023 1:56:57PM

S1 - 1' E304099-01

		E304033-01					
Andre	Result	Reporting Limit	Dil	ution	D 1	A l J	Notes
Analyte	Result	Limit	Dill	ution	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	<u> </u>	1	04/20/23	04/20/23	



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	4/26/2023 1:56:57PM

S1 - 3' E304099-02

		E504077-02				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
· ·				nalyst: IY	7 Hidry 200	Batch: 2316035
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A.			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	A	nalyst: 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	A	nalyst: 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	A	nalyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	

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	4/26/2023 1:56:57PM

S1 - 4'

		200.0>> 00					
	D 1	Reporting		<i>.</i> ·	D 1		N
Analyte	Result	Limit	Dili	ution	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	

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	4/26/2023 1:56:57PM

S2 - 1'

		200.000					
Austra	Dk	Reporting			D 1	A	Nister
Analyte	Result	Limit	Dil	ution	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	

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	4/26/2023 1:56:57PM

S2 - 3'

		Reporting					
Analyte	Result	Limit	Dilı	ution	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	



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	4/26/2023 1:56:57PM

S2 - 4'

		200.000					
Austra	Dank	Reporting			D 1	A	Nister
Analyte	Result	Limit	Dili	ution	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	_

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	4/26/2023 1:56:57PM

S3 - 1'

		220.077 07					
	D 1:	Reporting		<i>.</i> ·	D 1		N
Analyte	Result	Limit	Dil	ution	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	

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	4/26/2023 1:56:57PM

S3 - 2'

		Reporting					
Analyte	Result	Limit	Dilu	ution	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	



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	4/26/2023 1:56:57PM

S3 - 4'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316035
Benzene	ND	0.0250	1	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	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	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	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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

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	4/26/2023 1:56:57PM

S4 - 1'

		E304099-10					
Reporting							
Analyte	Result	Limit	Dilı	ution	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	
o,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	

92.0 %

mg/kg

20.0

mg/kg

ND

50-200

04/20/23

04/20/23

Analyst: RAS

04/20/23

04/20/23

Batch: 2316047

Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

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	4/26/2023 1:56:57PM

S4 - 2'

		E304099-11					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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
		•					•

20.0

04/20/23

04/20/23

ND



Chloride

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	4/26/2023 1:56:57PM

S4 - 3' E304099-12

Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
mg/kg	mg/kg	Α	Analyst: IY		Batch: 2316035
ND	0.0250	1	04/20/2	23 04/21/23	
ND	0.0250	1	04/20/2	23 04/21/23	
ND	0.0250	1	04/20/2	23 04/21/23	
ND	0.0250	1	04/20/2	23 04/21/23	
ND	0.0500	1	04/20/2	23 04/21/23	
ND	0.0250	1	04/20/2	23 04/21/23	
	91.7 %	70-130	04/20/2	23 04/21/23	
	93.6 %	70-130	04/20/2	23 04/21/23	
	101 %	70-130	04/20/2	23 04/21/23	
mg/kg	mg/kg	Α	Analyst: IY		Batch: 2316035
ND	20.0	1	04/20/2	23 04/21/23	
	91.7 %	70-130	04/20/2	23 04/21/23	
	93.6 %	70-130	04/20/2	23 04/21/23	
	101 %	70-130	04/20/2	23 04/21/23	
mg/kg	mg/kg	Α	Analyst: JL		Batch: 2316040
ND	25.0	1	04/20/2	23 04/21/23	
ND	50.0	1	04/20/2	23 04/21/23	
	97.7 %	50-200	04/20/2	23 04/21/23	
mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2316047
mg/Kg	mg ng				
	ND N	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 93.6 % 101 % 101 % mg/kg mg/kg ND 20.0 mg/kg mg/kg ND 25.0 ND 50.0 97.7 %	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 91.7 % 70-130 93.6 % 70-130 101 % 70-130 93.6 % 70-130 93.6 % 70-130 101 % 70-130 mg/kg mg/kg ND 25.0 1 ND 50.0 1 97.7 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 04/20/2 ND 0.0250 1 04/20/2 ND 0.0250 1 04/20/2 ND 0.0250 1 04/20/2 ND 0.0500 1 04/20/2 ND 0.0250 1 04/20/2 93.6 % 70-130 04/20/2 93.6 % 70-130 04/20/2 101 % 70-130 04/20/2 93.6 % 70-130 04/20/2 93.6 % 70-130 04/20/2 93.6 % 70-130 04/20/2 101 % 70-130 04/20/2 mg/kg mg/kg Analyst: JL ND 25.0 1 04/20/2 ND 50.0 1 04/20/2 97.7 % 50-200 04/20/2	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IV Analyst: IV ND 0.0250 1 04/20/23 04/21/23 ND 0.0250 1 04/20/23 04/21/23 ND 0.0250 1 04/20/23 04/21/23 ND 0.0500 1 04/20/23 04/21/23 ND 0.0250 1 04/20/23 04/21/23 ND 0.0500 1 04/20/23 04/21/23 ND 0.0250 1 04/20/23 04/21/23 91.7 % 70-130 04/20/23 04/21/23 93.6 % 70-130 04/20/23 04/21/23 Mg/kg mg/kg Analyst: IV ND ND 20.0 1 04/20/23 04/21/23 93.6 % 70-130 04/20/23 04/21/23 93.6 % 70-130 04/20/23 04/21/23 mg/kg mg/kg Analyst: JL ND



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	4/26/2023 1:56:57PM

S4 - 4'

E304099-13									
Reporting									
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2316035		
Benzene	ND	0.0250	1	1	04/20/23	04/21/23			
Ethylbenzene	ND	0.0250	1	l	04/20/23	04/21/23			
Toluene	ND	0.0250	1	Į.	04/20/23	04/21/23			
o-Xylene	ND	0.0250	1	l	04/20/23	04/21/23			
p,m-Xylene	ND	0.0500	1	Į.	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: I	Y		Batch: 2316035		
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į	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: J	L		Batch: 2316040		
Diesel Range Organics (C10-C28)	28.5	25.0	1	1	04/20/23	04/21/23			
Oil Range Organics (C28-C36)	ND	50.0	1	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: I	RAS		Batch: 2316047		

20.0

04/20/23

04/20/23

ND

Chloride

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	4/26/2023 1:56:57PM

S5 - 1'

		Reporting					
Analyte	Result	Limit	Dil	ution	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
	ND	20.0		1	04/20/23	04/20/23	·

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	4/26/2023 1:56:57PM

S5 - 3'

	Reporting						
Analyte	Result	Limit	Dilı	ution	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	

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	4/26/2023 1:56:57PM

S5 - 4'

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: Љ		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

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	4/26/2023 1:56:57PM

S6 - 1'

E304099-17	
	_

		Reporting					
Analyte	Result	Limit	Di	lution	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
	ND	20.0		1	04/20/23	04/21/23	

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	4/26/2023 1:56:57PM

S6 - 3' E304099-18

		1204077-10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
· ·				1	7 Hidiy 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/21/23	

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	4/26/2023 1:56:57PM

S6 - 4'

F	E304099-19					
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
mg/kg	mg/kg	Analyst	: IY		Batch: 2316035	
ND	0.0250	1	04/20/23	04/21/23		
ND	0.0250	1	04/20/23	04/21/23		
ND	0.0250	1	04/20/23	04/21/23		
ND	0.0250	1	04/20/23	04/21/23		

04/20/23

04/21/23

Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2316035
Benzene	ND	0.0250	1	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	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: I	Y		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	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: J	L		Batch: 2316040
Diesel Range Organics (C10-C28)	26.2	25.0	1	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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: F	RAS		Batch: 2316047

20.0

27.8

Chloride

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	4/26/2023 1:56:57PM

SW1

E304099-20

		Reporting					
Analyte	Result	Limit	Di	lution	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:	: Л		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
imons by Elite Cotton 200011							

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	4/26/2023 1:56:57PM

SW2 E304099-21

Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2316038
Benzene	ND	0.0250		1	04/20/23	04/21/23	Butch: 2310030
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	



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	4/26/2023 1:56:57PM

SW3

E304099-22

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: RAS		Batch: 2316055



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	4/26/2023 1:56:57PM

SW4

E304099-23

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	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	ļ.	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

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	4/26/2023 1:56:57PM

SW5

E304099-24

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	l	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	l	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	l	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	l	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	Į.	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
						04/20/23	



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	4/26/2023 1:56:57PM

SW6

		E304099-25							
Reporting									
Analyte	Result	Limit	Dilu	ution	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		

20.0

04/20/23

04/20/23

ND



Chloride

Cotton Draw Unit 135 H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/26/2023 1:56:57PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2316035-BLK1) Prepared: 04/20/23 Analyzed: 04/20/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.462 0.500 92.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.510 0.500 102 70-130 0.500 101 70-130 Surrogate: Toluene-d8 0.503 LCS (2316035-BS1) Prepared: 04/20/23 Analyzed: 04/20/23 2.29 0.0250 2.50 91.5 70-130 Benzene 2.30 2.50 91.9 70-130 Ethylbenzene 0.0250 2.20 0.0250 2.50 87.9 70-130 2.33 93.2 70-130 0.0250 2.50 o-Xylene 5.00 92.9 70-130 p,m-Xylene 4.65 0.0500 6.98 0.0250 7.50 93.0 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.1 70-130 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.512 70-130 Surrogate: Toluene-d8 0.491 0.500 Matrix Spike (2316035-MS1) Source: E304099-03 Prepared: 04/20/23 Analyzed: 04/20/23 2.39 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.33 0.0250 2.50 ND 93.0 48-130 Toluene 2.25 0.0250 2.50 ND 89.8 2.38 0.0250 2.50 ND 95.3 43-135 o-Xylene 4.76 ND 95.2 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.14 0.0250 7.50 ND 95.2 43-135 0.490 0.500 98.0 70-130 Surrogate: Bromofluorobenzene 0.527 0.500 105 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.495 Surrogate: Toluene-d8 Matrix Spike Dup (2316035-MSD1) Source: E304099-03 Prepared: 04/20/23 Analyzed: 04/20/23 95.3 2.38 0.0250 2.50 ND 48-131 0.377 23 0.0250 2.50 ND 97.3 45-135 4.44 27 Ethylbenzene ND 96.5 48-130 7.15 24 2.41 2.50 Toluene 0.0250 o-Xylene 2.47 0.0250 2.50 ND 98.6 43-135 3.47 27 4.93 5.00 ND 43-135 27 98.6 3.59 p,m-Xylene 0.0500 27 7.40 0.0250 7.50 ND 98.6 43-135 3.55 Total Xylenes Surrogate: Bromofluorobenzene 0.485 0.500 97.0 70-130 0.500 99.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.497



0.500

103

70-130

0.517

Surrogate: Toluene-d8

Cotton Draw Unit 135 H Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/26/2023 1:56:57PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2316038-BLK1) Prepared: 04/20/23 Analyzed: 04/21/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.497 0.500 99.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.578 0.500 116 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.522 LCS (2316038-BS1) Prepared: 04/20/23 Analyzed: 04/21/23 2.41 0.0250 2.50 96.3 70-130 Benzene 2.50 96.2 70-130 2.41 Ethylbenzene 0.0250 2.47 0.0250 2.50 98.7 70-130 2.39 70-130 0.0250 2.50 95.6 o-Xylene 4.82 5.00 96.4 70-130 p,m-Xylene 0.0500 7.21 0.0250 7.50 96.2 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.550 0.500 110 70-130 0.500 116 70-130 Surrogate: 1,2-Dichloroethane-d4 0.578 70-130 Surrogate: Toluene-d8 0.500 0.531 Matrix Spike (2316038-MS1) Source: E304099-21 Prepared: 04/20/23 Analyzed: 04/21/23 2.47 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.46 0.0250 2.50 ND 98.3 48-130 Toluene 2.53 0.0250 2.50 ND 101 2.46 0.0250 2.50 ND 98.5 43-135 o-Xylene 4.91 ND 98.1 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.37 0.0250 7.50 ND 98.2 43-135 109 0.543 0.500 70-130 Surrogate: Bromofluorobenzene 0.500 109 70-130 Surrogate: 1,2-Dichloroethane-d4 0.544 0.500 70-130 0.524 Surrogate: Toluene-d8 Matrix Spike Dup (2316038-MSD1) Source: E304099-21 Prepared: 04/20/23 Analyzed: 04/21/23 2.51 0.0250 2.50 ND 100 48-131 1.73 23 0.0250 2.50 ND 99.1 45-135 0.851 27 Ethylbenzene ND 48-130 0.688 24 2.55 2.50 102 Toluene 0.0250 o-Xylene 2.47 0.0250 2.50 ND 98.9 43-135 0.365 27 4.90 5.00 ND 98.1 43-135 0.0408 27 p,m-Xylene 0.0500 0.0950 27 7.38 0.0250 7.50 ND 98.3 43-135 Total Xylenes Surrogate: Bromofluorobenzene 0.535 0.500 107 70-130 0.500 109 70-130 Surrogate: 1,2-Dichloroethane-d4 0.547



0.500

103

70-130

0.516

Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum4/26/20231:56:57PM

Nauhalaganatad	Ouganias	L. EDA	0015D	CDO
Nonhalogenated	Organics	DV EPA	8015D -	GRO

Analyst: IY

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

	Result	Limit	Level	Result	Rec	Limits	KPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316035-BLK1)							Prepared: 04	1/20/23 Ana	alyzed: 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	1/20/23 Ana	alyzed: 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	1/20/23 Ana	alyzed: 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	1/20/23 Ana	alyzed: 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			



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum4/26/20231:56:57PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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

	Result	LIIIII	Level	Resuit	Rec	Limits	KrD	LIIIII	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316038-BLK1)							Prepared: 04	4/20/23 A	nalyzed: 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	4/20/23 A	nalyzed: 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:	E304099-2	21	Prepared: 04	4/20/23 A	nalyzed: 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:	E304099-2	21	Prepared: 04	4/20/23 A	nalyzed: 04/21/23
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130	6.38	20	
					100	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	/0-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.501 0.536		0.500 0.500		100	70-130 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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				4	/26/2023 1:56:57PM
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316040-BLK1)							Prepared: 0	4/20/23 Ana	alyzed: 04/20/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.9		50.0		97.8	50-200			
LCS (2316040-BS1)							Prepared: 0	4/20/23 Ana	alyzed: 04/20/23
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
urrogate: n-Nonane	48.1		50.0		96.3	50-200			
Matrix Spike (2316040-MS1)				Source:	E304099-	05	Prepared: 0	4/20/23 Ana	alyzed: 04/20/23
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
urrogate: n-Nonane	42.4		50.0		84.9	50-200			
Matrix Spike Dup (2316040-MSD1)				Source:	E304099-	05	Prepared: 0	4/20/23 Ana	alyzed: 04/20/23
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	0.701	20	
'urrogate: n-Nonane	44.3		50.0		88.7	50-200			



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum4/26/2023 1:56:57PM

			4/26/2023 1:56:57PM						
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM									
Rec Limits	RPD	RPD Limit							
%	%	%	Notes						
	Prepared: 0	04/20/23 A	nalyzed: 04/21/23						
50-200									
	Prepared: 0	04/20/23 A	nalyzed: 04/21/23						
38-132									
50-200									
3-09	Prepared: 0	04/20/23 A	analyzed: 04/24/23						
38-132									
50-200									
3-09	Prepared: 0	04/20/23 A	nalyzed: 04/24/23						
38-132	21.5	20	M5, R2						
50-200									
3	Rec Limits % 50-200 38-132 50-200 -09 38-132 50-200 -09	Rec Limits RPD % % Prepared: 0 50-200 Prepared: 0 38-132 50-200 -09 Prepared: 0 38-132 50-200 -09 Prepared: 0 38-132 50-200	Rec Limits RPD Limit % % % % Prepared: 04/20/23 A 50-200 Prepared: 04/20/23 A 38-132 50-200						



Matrix Spike Dup (2316047-MSD1)

433

Chloride

QC Summary Data

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

Plains TX, 79355-0247		Project Manager	: To	m Bynum				4/2	26/2023 1:56:57PM
		Anions	by EPA 3	00.0/9056A	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316047-BLK1)							Prepared: 0	4/20/23 Anal	yzed: 04/20/23
Chloride	ND	20.0							
LCS (2316047-BS1)							Prepared: 0	4/20/23 Anal	yzed: 04/20/23
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2316047-MS1)				Source:	E304099-	01	Prepared: 0	4/20/23 Anal	yzed: 04/20/23
Chloride	422	20.0	250	172	100	80-120			

250

20.0

Source: E304099-01

105

80-120

2.48

172



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

20

Pima Environmental Services-Carlsbad		Project Name:		Cotton Draw U	nit 135 H				Reported:	
PO Box 247 Plains TX, 79355-0247	Project Number: 21064-0001 Project Manager: Tom Bynum							4/26/2023 1:56:57PM		
		Anions	by EPA	300.0/9056	4				Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2316055-BLK1)							Prepared: 0	4/20/23 A	Analyzed: 04/20/23	
Chloride	ND	20.0								
LCS (2316055-BS1)							Prepared: 0	4/20/23 A	Analyzed: 04/20/23	
Chloride	265	20.0	250		106	90-110				
Matrix Spike (2316055-MS1)				Source:	E304095-0)1	Prepared: 0	4/20/23 A	Analyzed: 04/20/23	
Chloride	272	20.0	250	ND	109	80-120				
Matrix Spike Dup (2316055-MSD1)				Source:	E304095-0)1	Prepared: 0	4/20/23 A	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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
١	PO Box 247	Project Number:	21064-0001	Reported:
١	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.

The RPD exceeded the acceptance limit.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

R2

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.



	-			10				Bill To		-	********	la	h His	se On	ly	T			TAT		EPA P	rogram
Client: P	ima	Envi	onment	al Serv	JUNIT 135 H	Atto	ntion: Pir	Wa.		Lab	WO#		D (3		Number	1	D	2D	3D	Standard	CWA	SDWA
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City, Stat						Pho																
Phone:				1, 0024	<u> </u>	Ema				5	5										State	
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date or tim	e of col	lection	is considere	ed fraud an	d may be grounds for leg	action.		ampled by:			L			Packe	a m recut an av				lse Onl			**************************************
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Relinquis	ned by:	(Sign	ature)	Da	ate Time	-			9-10 d	3	Time			10.00	a Temp °C	4	1		2 A 42			A. S. C.
			kell		1-20-23 000)	Mh	rine					n -		lastic, ag -		r gla	SS V	- VOA	w - 15 - 15 - 1	1.5.63	- 1 1 Person
Sample Ma	efix: 5 -	Soil, S	d - Solid, Sg	- Sludge, A	-Aqueous, O - Other	Inna -0		nts are made. Hazardo	L'ontaine	l he ro	tume	d to d	p-L	or dien	nsed of at th	e clier	t ext	ense	. The re	eport for the a	nalysis of th	ne above
Note: Sar	nples a	re dis	arded 30	days after	results are reported u	ness othe	er arrangemen	e liability of the labora	tory is limited t	o the	amou	nt paid	for	on the	report.	- 50.50		2012		Care Charles departs		
samples i	s appla	capie (my to tho	se sample	is received by the labor	acory wit	111 200 111	ic hability of the labore	,	2000								_	de		MIC .	in

Client: Pima Environmental Service	as Bill To		Lab Use Only				1D 2D 3D Standard				EPA PI			
Project: Cotton Draw Unit	Attention: Pine Bill To		Lab \	WO#			Job I	Number	1D	2D	3D		CWA	SDWA
Project Man ager: Tom Bynum	Address:		F 3	400	090	1	210	64-0001				X		DCDA
Address: 56 14 N. Lovington Hwy.	City, State, Zip						Analy	sis and Metho	d	_				RCRA
City, State, Zip Hobbs, NM, 88240	Phone:									1		1-1-1	-	
Phone: 580-748-1613	Email:		15	15	1								State	I-nel
Email: tom@pimaoil.com			y 80	y 80	51	0		0.0	NW			NM CO	UT AZ	1X
Report due by:	Pima Project# \-255		d 0)	4 O)	802	826	6010	e 30		7		-		
and the second s	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC			Remarks	
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	55-3'	15												
	56-4'	10												
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Additional lanstructions:	V VVI		.1											
	city of this sample. I am aware that tampering with or intentionally mislabelling ay be grounds for legal action. Sampled by:	g the sample	e locati	ion,			Samp	les requiring therma ed in ice at an avg ter	np abov	vation r	must be r	received on ice the da n 6 °C on subsequent	y they are sam days.	pled or received
date or time of collection is considered fraud and ma	Time Possived by (Signatura)	Date		Time				Service Car			Use O	nly	7	
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	O Other	Containe	r Type	6. a -	glass.	p-p	olv/r	olastic. ag - am	ber g	lass, 1	v - VO	A		
Note: Samples are discarded 30 days after res	ults are reported unless other arrangements are made. Hazardous sa	amples will	be re	tume	d to cl	ient c	or disp	osed of at the c	lient e	xpens	se. The	e report for the a	nalysis of th	e above
complex is appliable only to those samples re	eceived by the laboratory with this COC. The liability of the laboratory	is limited to	o the	amou	nt paid	d for	on the	report.						

ionte Di	ima Envi	ronmont	ol Conii	000		Bill To		F		Lab	Use	Only	,				TAT		EPA P	
oject:	ima Envi Cotten Ianager:	Draw I	Jni+	135 A		ention: Pima		Lab \	#OW		J	ob N	umber 04-0 0		1D	2D	3D	Standard X	CWA	SDW
	56 14 N.				-	, State, Zip			N 1	<u> </u>	A	nalys	is and M	ethod						RCR
ty, Stat	e, Zīp Ho	bbs, NN				one:												-	State	1
none: 5	580-748-	1613			. Em	ail:		8015	8015		1		0					NMI CO	UT AZ	XT
	tom@pin ue by:	naoil.com	1		Pir	ma Project # \ - 25	Ś	yd C	yd C	8021	260	010	300.		NN	7				
Time	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос			Remarks	S
Sampled	4/18/23	Sail	1	Suz			21		0	80	-	-			X				A	
	170	1	1	5w3			22					1								
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						that tampering with or intentionally misla	belling the sampl	e locati	ion,			Sample packed	s requiring t in ice at an	hermal pays temp	oreserv o above	ation m a 0 but l	ust be rea	ceived on ice the da 6 °C on subsequent	y they are san days.	npled o
elinguish	ed by: (Sign		Date	may be grounds for line 1-19-23	330	Received by: (Signature) Received by: (Signature) Received by: (Signature)	Date 4-19	23	Time	30		Rece	ived on	ice:	0	ab t	Jse On N	ıly		
elinquish	ed by: (Sign	ature)	Date	e Time		11.0001.00	Date		Time			T1.			<u>T2</u>			<u>T3.</u>		
		councils	Date	H923 1-	730	Received by: (Signature) Received by: (Signature)	4-19- Date	23	1000			T1:		 .	<u>T2</u>			<u>T3.</u>		

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

Envirotech Analytical Laboratory

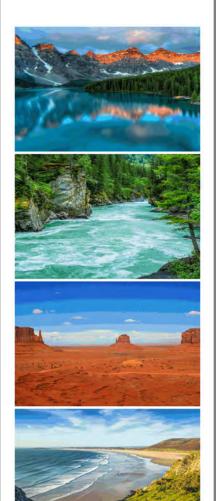
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/20/23 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)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes			Comments	s/Resolution
	urn Around Time (TAT)	on.	37	[Time samı	<u> </u>	ded on COC per
	COC indicate standard TAT, or Expedited TAT?		Yes		client.	pica not provi	ded on eoc per
Sample C			Vac		Chent.		
	sample cooler received? was cooler received in good condition?		Yes Yes				
• •	S .						
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4 c	<u>~</u>				
Sample C	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers:	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	<u>eel</u>						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
	reservation the COC or field labels indicate the samples were pr	recerved?	No				
	ample(s) correctly preserved?	reserveu:	NA NA				
	filteration required and/or requested for dissolved m	netals?	No				
	se Sample Matrix	1044151	110				
	se Sample waters the sample have more than one phase, i.e., multipha	se?	No				
	does the COC specify which phase(s) is to be analy		NA NA				
		,200.	INA				
	act Laboratory	9	Ma				
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA Si	ula o o mémo de Toda			
	• • •	so who:	INA SI	ubcontract Lab	o: na		
Client In	<u>struction</u>						
							0

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
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.



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

	E410336-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL	·	Batch: 2444081
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0500	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
	89.8 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2444081
ND	20.0	1	10/30/24	11/03/24	
	92.7 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2444088
36.5	25.0	1	10/30/24	11/03/24	
ND	50.0	1	10/30/24	11/03/24	
	91.5 %	50-200	10/30/24	11/03/24	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2444154
ND	20.0	1	11/01/24	11/02/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 36.5 ND	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 89.8 % mg/kg mg/kg mg/kg ND 20.0 92.7 % mg/kg mg/kg mg/kg ND 50.0 91.5 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 89.8 % 70-130 mg/kg mg/kg Analy ND 20.0 1 92.7 % 70-130 mg/kg mg/kg Analy 36.5 25.0 1 ND 50.0 1 91.5 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV 36.5 25.0 1 10/30/24 ND 50.0 1 10/30/24 ND 50.0 1 10/30/24 Mg/kg Mg/kg Analyst: NV	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 Mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: SL 11/03/24 11/03/24 mg/kg mg/kg Analyst: NV 11/03/24 11/03/24 ND 50.0 1 10/30/24 11/03/24 ND 50.0 1 10/30/24 11/03/24 ND 50.0 1 10/30/24 11/03/24 ND

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

S1-2' E410358-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S1-3'

E410358-03							
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24		



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

S1-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		90.4 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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		93.5 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S2-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2444081
Gasoline Range Organics (C6-C10)	26.6	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		162 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2444154
	ND		<u> </u>	11/01/24	11/02/24	



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

S2-2'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	

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

S2-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: 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		90.2 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: 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	Ar	alyst: 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		94.0 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S2-4'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S3-1'

E410358-09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,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	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2444081
Gasoline Range Organics (C6-C10)	23.2	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		161 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	· · · · · · · · · · · · · · · · · · ·



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

S3-2'

E410358-10						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	·



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

S3-3'

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: SL		Batch: 2444081
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0500	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
	90.9 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	A	nalyst: SL		Batch: 2444081
ND	20.0	1	10/30/24	11/03/24	
	93.4 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2444088
ND	25.0	1	10/30/24	11/03/24	
ND	50.0	1	10/30/24	11/03/24	
	94.2 %	50-200	10/30/24	11/03/24	
4		Δ	nalyst: DT		Batch: 2444154
mg/kg	mg/kg	7 1	maryst. D1		Batch. 2444134
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 93.4 % mg/kg ND 25.0 ND 50.0 94.2 %	Result Limit Dilution mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg A ND 20.0 1 93.4% 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 94.2% 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/30/24 ND 25.0 1 10/30/24 ND 50.0 1 10/30/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: SL 1 10/30/24 11/03/24 MD 20.0 1 10/30/24 11/03/24 Mg/kg mg/kg Analyst: NV 1 ND 25.0 1 10/30/24 11/03/24 ND 50.0 1 10/30/24 11/03/24 ND 50.0 1 10/30/24



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

S3-4'

	Donortina				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: SL		Batch: 2444081
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0500	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
	90.6 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	An	alyst: SL		Batch: 2444081
ND	20.0	1	10/30/24	11/03/24	
	93.5 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	An	alyst: NV		Batch: 2444088
ND	25.0	1	10/30/24	11/03/24	
ND	50.0	1	10/30/24	11/03/24	
	95.6 %	50-200	10/30/24	11/03/24	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2444154
	mg/kg ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 mg/kg mg/kg ND 20.0 93.5 % mg/kg ND 25.0 ND 50.0 95.6 %	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 90.6 % 70-130 mg/kg mg/kg An ND 20.0 1 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 95.6 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg 70-130 10/30/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/30/24 ND 50.0 1 10/30/24 ND 50.0 1 10/30/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: SL 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: NV 1 10/30/24 11/03/24 ND 25.0 1 10/30/24 11/03/24 ND 50.0 1 10/30/24 11/03/24 ND 50.0 1 10/30/24 11/03/24



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

S4-1'

		ъ.				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	
Surrogate: n-Nonane		94.4 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	
Chloride			1	11/01/24	11/02/24	



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

S4-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S4-3'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S4-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	•



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

S5-1'

		Dama:				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S5-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2444154
·	ND	20.0	1	11/01/24	11/02/24	



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

S5-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
p-Xylene	ND	0.0250	1	10/30/24	11/04/24	
o,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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2444154
Chloride	ND	20.0	1	11/01/24	11/02/24	



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

S5-4'

	D				
Pacult		Dilutio	on Prepared	Analyzad	Notes
Kesuit	Lillit	Diffutio	л гтератей	Allalyzed	INUICS
mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2444081
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0500	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
	90.9 %	70-130	10/30/24	11/04/24	
mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2444081
ND	20.0	1	10/30/24	11/04/24	
	94.1 %	70-130	10/30/24	11/04/24	
mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2444088
ND	25.0	1	10/30/24	11/03/24	
ND	50.0	1	10/30/24	11/03/24	
	95.1 %	50-200	10/30/24	11/03/24	
mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2444154
	ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MD 20.0 94.1 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg And Mg/kg mg/kg And Mg/kg mg/kg And ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/30/24 ND 25.0 1 10/30/24 ND 50.0 1 10/30/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 ND 0.0500 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 11/04/24 mg/kg mg/kg Analyst: SL 11/04/24 mg/kg mg/kg Analyst: NV 11/04/24 ND 25.0 1 10/30/24 11/03/24 ND 25.0 1 10/30/24 11/03/24 ND 50.0 1 10/30/24 11/03/24



Surrogate: 4-Bromochlorobenzene-PID

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

Plains TX, 79355-0247		Project Manager	:: Gi	o Gomez				11/	6/2024 7:42:45AN
		Volatile (Organics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444081-BLK1)						F	repared: 10	0/30/24 Anal	yzed: 11/03/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.3	70-130			
LCS (2444081-BS1)						P	repared: 10	0/30/24 Anal	yzed: 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)						F	repared: 10	0/30/24 Anal	yzed: 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: 1-Chloro-4-fluorobenzene-FID

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

Plains TX, 79355-0247		Project Manage		o Gomez				11/6	5/2024 7:42:45AN
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444081-BLK1)							Prepared: 1	0/30/24 Analy	yzed: 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: 1	0/30/24 Analy	yzed: 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: 1	0/30/24 Analy	yzed: 11/03/24
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.2	70-130	3.39	20	

70-130

7.59



Surrogate: n-Nonane

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/20247:42:45AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO									Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2444088-BLK1)							Prepared: 1	0/30/24 Ana	lyzed: 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: 1	0/30/24 Anai	lyzed: 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: 1	0/30/24 Ana	lyzed: 11/03/24		
Diesel Range Organics (C10-C28)	245	25.0	250		97.9	38-132	6.19	20			

92.4

50-200

46.2

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 3	00.0/9056	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (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	0-110	
LCS Dup (2444154-BSD1)					Prepared:	11/01/24 Analyzed: 11/02/24
Chloride	249	20.0	250	99.6 90	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	of <u>&</u>
Client: Dima Environmental Services	Bill To		Lak	Use	Only				TAT		EPA P	rogram
Client: Pima Environmental Services Project: COHON Draw Unit 135 H Attention:	Bill To La	ab WO#		Jo	b Nun	ber	1D	2D	3D :	Standard	CWA	SDWA
Project Manager: Gio Gomez Address:	<u>E</u>	<u> 410:</u>	<u>50 t</u>) # (O)		1000		1		- X		RCRA
Address: 5614 N. Lovington Hwy. City, State, Zip				<u>An</u>	ialysis a	nd Metho	<u> </u>			\dashv		KCKA
City, State, Zip Hobbs. NM. 88240 Phone:		ν v		ļ		1 1	1		1	4111111111111111	State	'
Phone: 806-782-1151 Email: Email:	5	/8015		ر آ ر	_ 9	1 1	5	1		NM CO	UT AZ	TX
Report due by:	1-255-1	8 8 9 8	80	826	e 30 50		2 2		1			
Time Date Matrix No. of Containers Sample ID	Lab S Number 8	DRO/ORO by 8015 GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010 Chloride 300.0		BGDOC	86000		1	Remarks	
8:16 10/25 5 51-1'							X					
8:20 / /	2				_	<u> </u>	$\downarrow \downarrow$	ļ				
8123 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3					<u> </u>	\coprod					
8:28 /	4						11	_				
8:36 / / 52-1'	5						\coprod					:
8:42 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	le						\coprod	_				
8:56	7						$\perp \! \! \! \! \! \! \! \! \! \! \perp$	_				
9:17 / S2-4'	8						Ш					
9:26 S3-1'	9											
9:30) 53-2'	10											
Additional Instructions:	110171 - 1100	28									.,	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering v		location,		S p	amples rec acked in it	quiring therma e at an avg te	i presen np abov	vation m e 0 but l	ust be rece ess than 6 '	eived on ice the da °C on subsequent of	y iney are sam _i days.	pied or received
	noted by: Date	Time	e ,	=			-	Lab L	lse Onl	у		
Total In Course Williams	le Gongales 10.29.)		400		Receive	ed on ice	(Y)/ 1	V	er er		. *
		4 J	<u>63</u>	0	<u> </u>		<u>T2</u>	v 5	194	<u>T3</u>		ं हैं। इंडिज़िल्
Relinquished by: (Signature) Date Time Transport Received by 10.19.14 Time TRACEIVED by	Signature 10.29.20 Date 10.30.2	24 8	.00			mp °C_	4					
the state of Call of Called Sa Studen A Aguagus O. Other	IContainer 1	Type: g	glass,	p - po	ly/plast	ic, ag - am	ber g	lass, v	- VOA	enort for the a	nalysis of th	e ahove
Note: Samples are discarded 30 days after results are reported unless other arrangeme samples is applicable only to those samples received by the laboratory with this COC. The	s are made. Hazardous samples will be liability of the laboratory is limited to t	be returno the amou	eu to Cli unt paic	encor (the rep	ort.	ueik e	Apellat			,	

envirotech

oject Information	Chain c	of Custody	/											Page _	Z of 8
ient: Pima Environmental Services oject: COHON Draw 041+ 130 oject Manager: Gio Gomez ddress: 5614 N. Lovington Hwy.	Attention: Description Address: City, State, Zip		智	vo# 103	_		1057	mber	3	1D	2D	3D S	Standard	EPA Pr CWA	SDWA RCRA
hone: 806-782-1151 mail: gio@pimaoil.com eport due by:	Phone: Email: Pima Project # -255 -	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021			Chloride 300.0		BGDOC NM	BGDOC TX		NMI CC	State D UT AZ Remarks	TX
Sampled Sampled Matrix Containers Sati	nple ID	Number	DR	<u>&</u>	<u> </u>	9	ž	5		X	<u>8</u>				
	53-3'	112				\dashv	\dashv			1	ļ				
	53-4' 54-1'	13	1				-	-							
1 1 1		14					\dashv			\dagger					
' ' 	34-2' 34-3'	15	-							H					
7:50	34- 3 34- 4'	16	+							\dagger	 				
<u> </u>		17		-						\Box		\dagger			
<u> </u>	<u> </u>	17	-	\vdash		\			-	H					
5.77 	55-2'	19		-					-	1	T	$\dagger \dagger$			
)5-3' 36-4'	20	-	 	-			+		$\dagger \dagger$	\dagger				
<u> </u>	Billing#21/21		<u> </u>	<u> </u>	1		<u> </u>		1	L	<u> </u>	1			
, (field sampler), attest to the validity and authenticity date or time of collection is considered fraud and may l	of this sample. I am aware that tampering with or intentionally mislabe			ion,			Sample packed	s requiring th in ice at an a	vermal p	reserv above	ation m	ust be rece less than 6	lived on ice the d °C on subsequen	lay they are sam t days.	bevisor received
Relinguished by: (Signature)	Time Refleived By: (Strnature) 8	Date 101	i.14	Time	40	0	Rece	ived on	ice:		Lab L	Jse Onl N	У		
Refinguished by: (Signature) Phichelle Tonzales Date Date Date	Received by (Signature)	Date 10.2		Time	63	٥٥	T1:_		<u></u>	<u>12</u>			_ тз		
Reinpuished by: (Signature) Date	9.74 Time 2245 Received by Granting Man	Date 10.30	1.24	Zime	DE)	AVG	Temp 9	د ر	1		14			



Printed: 10/30/2024 8:55:08AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

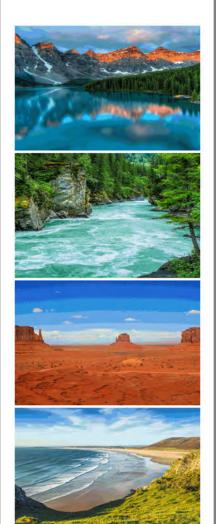
Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 0	8:00	Work Order ID:	E410358
Phone:	(575) 631-6977	Date Logged In:	10/29/24 1	6:25	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	11/05/24 1	7:00 (4 day TAT)		
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC) ne sample ID match the COC? ne number of samples per sampling site location match namples dropped off by client or carrier? ne COC complete, i.e., signatures, dates/times, reques		Yes Yes Yes No	Carrier: <u>C</u>	'ourier	
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		<u>Commen</u>	ts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers and s	ampled by name are
Sample C	<u>Cooler</u>				missing on COC by cli	ent. Project Cotton
7. Was a s	sample cooler received?		Yes		Draw Unit 135H has be	een separated into
8. If yes,	was cooler received in good condition?		Yes		multiple WOs due to hi	•
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		WOs are E410358-E41	-
10. Were	custody/security seals present?		No		WOS are E410336-E41	0301.
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample C			_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Sa D	field sample labels filled out with the minimum infor ample ID? ate/Time Collected?	rmation:	Yes Yes			
	ollectors name?		No			
	reservation	40	NT.			
	the COC or field labels indicate the samples were pro ample(s) correctly preserved?	eserveu?	No NA			
	filteration required and/or requested for dissolved m	etals?	No			
	1	ctais:	140			
	se Sample Matrix the sample have more than one phase, i.e., multiphas	10°?	NT-			
	does the COC specify which phase(s) is to be analy		No NA			
•		Lou.	NA			
28. Are sa	act Laboratory Imples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	: NA	
Client Ir	<u>istruction</u>					
	ure of client authorizing changes to the COC or sample disp				Date	envirotech Inc.

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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

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

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.



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	11/7/2024 11:12:01AM

S6-1' E410359-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444082
Benzene	ND	0.0250	1	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	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	
***************************************		10170	70 150				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:			Batch: 2444082
	mg/kg ND					11/03/24	Batch: 2444082
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg			IY		Batch: 2444082
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10)		mg/kg 20.0	1		IY 10/30/24	11/03/24	Batch: 2444082
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene		mg/kg 20.0	70-130		IY 10/30/24 10/30/24	11/03/24 11/03/24	Batch: 2444082
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		mg/kg 20.0 99.3 % 93.6 %	70-130 70-130 70-130		10/30/24 10/30/24 10/30/24 10/30/24	11/03/24 11/03/24 11/03/24	Batch: 2444082 Batch: 2444096
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	ND	mg/kg 20.0 99.3 % 93.6 % 104 %	70-130 70-130 70-130	1	10/30/24 10/30/24 10/30/24 10/30/24	11/03/24 11/03/24 11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	mg/kg 20.0 99.3 % 93.6 % 104 % mg/kg	70-130 70-130 70-130	1	10/30/24 10/30/24 10/30/24 10/30/24 NV	11/03/24 11/03/24 11/03/24 11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND mg/kg ND	mg/kg 20.0 99.3 % 93.6 % 104 % mg/kg 25.0	70-130 70-130 70-130	1	10/30/24 10/30/24 10/30/24 10/30/24 NV 10/30/24	11/03/24 11/03/24 11/03/24 11/03/24 11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND mg/kg ND	mg/kg 20.0 99.3 % 93.6 % 104 % mg/kg 25.0 50.0	70-130 70-130 70-130 70-130	1	10/30/24 10/30/24 10/30/24 10/30/24 NV 10/30/24 10/30/24 10/30/24	11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24	



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	11/7/2024 11:12:01AM

S6-2' E410359-02

		2.1000, 02					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		- mary zea	Batch: 2444082
Benzene	ND	0.0250		1	10/30/24	11/03/24	Batch: 2111002
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	_



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	11/7/2024 11:12:01AM

S6-3' E410359-03

		2.110000 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2444082
Benzene	ND	0.0250		1	10/30/24	11/03/24	Butch: 2111002
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	



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	11/7/2024 11:12:01AM

S6-4'

E410359-04								
Reporting								
Analyte	Result	Limit	Dilut	tion Pre	pared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	I	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	I	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	1	Analyst: DT			Batch: 2444157	

20.0

11/02/24

11/02/24

ND



Chloride

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	11/7/2024 11:12:01AM

S7-1' E410359-05

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	А	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	Α	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	Α	Analyst: DT		Batch: 2444157
Chloride	ND	20.0	1	11/02/24	11/02/24	-

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	11/7/2024 11:12:01AM

S7-2' E410359-06

	Reporting					
sult	Limit	Di	lution	Prepared	Analyzed	Notes
r/kg	mg/kg		Analyst:	IY		Batch: 2444082
D			1	10/30/24	11/03/24	
D			1	10/30/24	11/03/24	
ID	0.0250		1	10/30/24	11/03/24	
ID	0.0250		1	10/30/24	11/03/24	
ID	0.0500		1	10/30/24	11/03/24	
ID	0.0250		1	10/30/24	11/03/24	
	102 %	70-130		10/30/24	11/03/24	
	96.4 %	70-130		10/30/24	11/03/24	
	103 %	70-130		10/30/24	11/03/24	
g/kg	mg/kg		Analyst:	IY		Batch: 2444082
ID	20.0		1	10/30/24	11/03/24	
	102 %	70-130		10/30/24	11/03/24	
	96.4 %	70-130		10/30/24	11/03/24	
	103 %	70-130		10/30/24	11/03/24	
g/kg	mg/kg		Analyst:	NV		Batch: 2444096
5.2	25.0		1	10/30/24	11/03/24	-
ID	50.0		1	10/30/24	11/03/24	
	111 %	50-200		10/30/24	11/03/24	
/1			Analyst:	DT		Batch: 2444157
g/kg	mg/kg		7 thary St.			Butten: 2111137
	/kg D D D D D D D D D /kg D	/kg mg/kg D 0.0250 D 0.0250 D 0.0250 D 0.0250 D 0.0500 D 0.0250 D 0.0250 D 0.0250 D 0.0250 D 0.0250 102 % 96.4 % 103 % /kg mg/kg D 20.0 102 % 96.4 % 103 % /kg mg/kg D 25.0 111 %	/kg mg/kg D 0.0250 D 0.0250 D 0.0250 D 0.0250 D 0.0500 D 0.0250 D 0.0250 D 0.0500 D 0.0250 102 % 70-130 103 % 70-130 103 % 70-130 103 % 70-130 103 % 70-130 103 % 70-130 111 % 50-200	/kg mg/kg Analyst: D 0.0250 1 D 0.0250 1 D 0.0250 1 D 0.0250 1 D 0.0500 1 D 0.0250 1 ID 0.0250 1 IO2 % 70-130 96.4 % 70-130 IO2 % 70-130 96.4 % 70-130 103 % 70-130 IO3 % 70-130 I/kg mg/kg Analyst: 5.2 25.0 1 D 50.0 1	/kg mg/kg Analyst: IY D 0.0250 1 10/30/24 D 0.0500 1 10/30/24 D 0.0250 1 10/30/24 D 0.0250 1 10/30/24 /kg 70-130 10/30/24 /kg mg/kg Analyst: IY D 20.0 1 10/30/24 /kg mg/kg Analyst: IY D 20.0 1 10/30/24 /kg mg/kg Analyst: NV /kg mg/kg Analyst: NV	/kg mg/kg Analyst: IY D 0.0250 1 10/30/24 11/03/24 D 0.0500 1 10/30/24 11/03/24 D 0.0250 1 10/30/24 11/03/24 D 0.0250 1 10/30/24 11/03/24 102 % 70-130 10/30/24 11/03/24 96.4 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 /kg mg/kg Analyst: IY D 20.0 1 10/30/24 11/03/24 102 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 103 % 70-130 10/30/24 11/03/24 111 % 50-200 10/30/24 11/03/24



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	11/7/2024 11:12:01AM

S7-3' E410359-07

		2.11000, 0.					
Analyte	Result	Reporting Limit		ution	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	

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	11/7/2024 11:12:01AM

S7-4'

E410359-08

	_	Reporting	_				
Analyte	Result	Limit	Dilı	ution	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	



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	11/7/2024 11:12:01AM

S8-1' E410359-09

		2.1000, 0,					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•	1 mary 200	Batch: 2444082
Benzene	ND	0.0250		1	10/30/24	11/03/24	Butch: 2 111002
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	



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	11/7/2024 11:12:01AM

S8-2' E410359-10

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2444082
Benzene	ND	0.0250		1	10/30/24	11/03/24	Batch: 2111002
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	



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	11/7/2024 11:12:01AM

\$8-3' E410359-11

		E410557-11				
Aughto	Result	Reporting Limit	Dilutio	on Prepared	A malvora d	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: DT		Batch: 2444157
Chloride	ND	20.0	1	11/02/24	11/02/24	



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	11/7/2024 11:12:01AM

S8-4'

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		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444082
Benzene	ND	0.0250	1	l	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	[10/30/24	11/03/24	
Toluene	ND	0.0250	1	l	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	l	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	l	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	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	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	l	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



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	11/7/2024 11:12:01AM

S9-1'

		E410359-13					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	•		Batch: 2444082
Benzene	ND	0.0250	1	l	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	ļ	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	I	Analyst: IY	•		Batch: 2444082
Gasoline Range Organics (C6-C10)	192	20.0	1	l	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	ļ.	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	1	Analyst: D	Γ		Batch: 2444157
Amons by ETA 300.0/3030A	υ υ	0 0					



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	11/7/2024 11:12:01AM

S9-2' E410359-14

		E-10557-14				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: 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 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	An	nalyst: 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	An	nalyst: DT		Batch: 2444157
Chloride	ND	20.0	1	11/02/24	11/02/24	



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	11/7/2024 11:12:01AM

S9-3' E410359-15

	E110007 10				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2444082
		1	10/30/24	11/03/24	
		1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0500	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
	101 %	70-130	10/30/24	11/03/24	
	99.1 %	70-130	10/30/24	11/03/24	
	104 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	An	alyst: IY		Batch: 2444082
ND	20.0	1	10/30/24	11/03/24	
	101 %	70-130	10/30/24	11/03/24	
	99.1 %	70-130	10/30/24	11/03/24	
	104 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	An	alyst: NV		Batch: 2444096
ND	25.0	1	10/30/24	11/03/24	
ND	50.0	1	10/30/24	11/03/24	
	103 %	50-200	10/30/24	11/03/24	
mg/kg	mg/kg	An	alyst: DT		Batch: 2444157
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 101 % 99.1 % 104 % mg/kg ND 20.0 101 % 99.1 % 104 % 104 % mg/kg mg/kg ND 25.0 ND 50.0	mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 101 % 70-130 99.1 % 70-130 104 % 70-130 mg/kg mg/kg An 104 % 70-130 104 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 P9.1 % 70-130 10/30/24 99.1 % 70-130 10/30/24 mg/kg mg/kg Analyst: IY ND 20.0 1 10/30/24 99.1 % 70-130 10/30/24 99.1 % 70-130 10/30/24 104 % 70-130 10/30/24 104 % 70-130 10/30/24 104 % 70-130 10/30/24 104 % 70-130 10/30/24 104 % 70-130 10/30/24 104 % 70-130 10/30/24 ND 25.0	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IV ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 70-130 10/30/24 11/03/24 104 % 70-130 10/30/24 11/03/24 mg/kg mg/kg Analyst: IY ND 20.0 1 10/30/24 11/03/24 101 % 70-130 10/30/24 11/03/24 104 % 70-130 10/30/24 11/03/24 104 % 70-130 10/30/24 11/03/24 104 % 70-130



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	11/7/2024 11:12:01AM

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E410359-16

	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2444082
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0500		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
	123 %	70-130		10/30/24	11/03/24	
	94.9 %	70-130		10/30/24	11/03/24	
	104 %	70-130		10/30/24	11/03/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2444082
ND	20.0		1	10/30/24	11/03/24	
	123 %	70-130		10/30/24	11/03/24	
	94.9 %	70-130		10/30/24	11/03/24	
	104 %	70-130		10/30/24	11/03/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2444096
ND	25.0		1	10/30/24	11/03/24	
ND	50.0		1	10/30/24	11/03/24	
	104 %	50-200		10/30/24	11/03/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2444157
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ID 0.0250 ID 94.9 % IO4 % 104 % mg/kg mg/kg IO4 % 104 % mg/kg mg/kg ND 25.0	Result Limit Di mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0250 ID 0.0130 ID 0.0130	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 94.9 % 70-130 70-130 mg/kg mg/kg Analyst: ND 20.0 1 123 % 70-130 70-130 94.9 % 70-130 70-130 104 % 70-130 70-130 mg/kg mg/kg Analyst: ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 94.9 % 70-130 10/30/24 94.9 % 70-130 10/30/24 mg/kg mg/kg Analyst: IY ND 20.0 1 10/30/24 94.9 % 70-130 10/30/24 94.9 % 70-130 10/30/24 94.9 % 70-130 10/30/24 104 % 70-130 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/30/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 94.9 % 70-130 10/30/24 11/03/24 104 % 70-130 10/30/24 11/03/24 MD 20.0 1 10/30/24 11/03/24 MD 20.0 1 10/30/24 11/03/24 MD 70-130 10/30/24 11/03/24 MD 70-130 10/30/24 11/03/24 MD 70-130 10/30/24 11/03/24 M



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	11/7/2024 11:12:01AM

S10-1'

		E410359-17					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	



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	11/7/2024 11:12:01AM

S10-2' E410359-18

		2.1000 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2444082
Benzene	ND	0.0250		1	10/30/24	11/03/24	Butch: 2 111002
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	



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	11/7/2024 11:12:01AM

S10-3' E410359-19

		E410557-17					
Anglyta	Result	Reporting Limit	Dilu	tion	Duamanad	Analyzed	Notes
Analyte	Resuit	Limit	Dilu	ition	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	?		Batch: 2444082
Benzene	ND	0.0250	1	l	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	l	10/30/24	11/03/24	
Toluene	ND	0.0250	1	l	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	l	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	I	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	l	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	7		Batch: 2444082
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: N	V		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	<u> </u>	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: D	Т		Batch: 2444157
Chloride	ND	20.0	1	1	11/02/24	11/02/24	



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	11/7/2024 11:12:01AM

S10-4' E410359-20

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	analyst: DT		Batch: 2444157
Chloride	ND	20.0	1	11/02/24	11/02/24	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/7/2024 11:12:01AM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				11/	7/2024 11:12:01AM
	Ve	olatile Organ	ic Compo	unds by EI	PA 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444082-BLK1)							Prepared: 10	0/30/24 Anal	yzed: 11/03/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Gurrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Gurrogate: 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	0/30/24 Anal	yzed: 11/03/24
Benzene	2.41	0.0250	2.50		96.4	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Coluene	2.58	0.0250	2.50		103	70-130			
-Xylene	2.57	0.0250	2.50		103	70-130			
,m-Xylene	5.15	0.0500	5.00		103	70-130			
Total Xylenes	7.71	0.0250	7.50		103	70-130			
Gurrogate: Bromofluorobenzene	0.462		0.500		92.4	70-130			
Gurrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Gurrogate: Toluene-d8	0.526		0.500		105	70-130			
LCS Dup (2444082-BSD1)							Prepared: 10	0/30/24 Anal	yzed: 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	
Coluene	2.60	0.0250	2.50		104	70-130	0.618	24	
-Xylene	2.76	0.0250	2.50		110	70-130	7.06	27	
,m-Xylene	5.48	0.0500	5.00		110	70-130	6.39	27	
Cotal Xylenes	8.24	0.0250	7.50		110	70-130	6.61	27	
Gurrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
	0.476		0.500		95.2	70-130			

0.500

0.515

70-130

103



Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/7/2024 11:12:01AM

Nonhalogenated	Organics	by 1	EPA	8015D -	GRO

Analyst: IY

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

Blank (2444082-BLK1)						Prepared: 10	0/30/24 An	alyzed: 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	0/30/24 An	alyzed: 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 An	alyzed: 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			



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/7/2024 11:12:01AM

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	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO										
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: 1	0/30/24 Anal	yzed: 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: 1	0/30/24 Anal	yzed: 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: 1	0/30/24 Anal	yzed: 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						

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager		Cotton Draw Un 01058-0007 Gio Gomez	nit 135 H				Reported: 11/7/2024 11:12:01AM
		Anions	by EP	A 300.0/9056 <i>A</i>	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	

Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 11	1/02/24 Anal	yzed: 11/02/24
ND	20.0							
						Prepared: 1	1/02/24 Anal	yzed: 11/02/24
251	20.0	250		100	90-110			
						Prepared: 1	1/02/24 Anal	yzed: 11/02/24
					90-110	0.492	20	
	mg/kg ND 251	Result Limit mg/kg mg/kg ND 20.0 251 20.0	Mg/kg mg/kg mg/kg ND 20.0 251 20.0 250	Result Limit Level Result mg/kg mg/kg mg/kg mg/kg mg/kg ND 20.0 251 20.0 250	Result Limit Level Result Rec mg/kg mg/kg mg/kg mg/kg % ND 20.0	Result mg/kg Limit mg/kg Level mg/kg Result mg/kg Rec mg/kg Limits mg/kg Rec mg/kg Limits mg/kg % % ND 20.0 250 100 90-110	Result mg/kg Limit Level mg/kg Result mg/kg Rec mg/kg Limits RPD mg/kg RPD mg/kg RPD mg/kg %	Result mg/kg Limit Level mg/kg Result mg/kg Rec Limits RPD Limit mg/kg ND 20.0 Prepared: 11/02/24 Analy 251 20.0 250 100 90-110 Prepared: 11/02/24 Analy Prepared: 11/02/24 Analy

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.



I am all do	Project Information
	Client: Pima Envir
	Project: Co 4401
	Project Manager: (

Project Information	1									Chain o	f Custody	/															Received by OCD: 1/30/2025 2:43:58 PM
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Report due by:	 								10		Lab	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chtoride 300.0			8	y l	ľ	۲	<u> </u>			3:
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I, (field sampler), attest	to the validit	y and authen	ticity o	f this sam	nple. 1 a	am aware t	hat tamp			nally mislabeli	ingthe sam	pie ioca	uun,			packe	d in ice	e at an avg	temp a	bove	0 but le	ss than	6 °C on si	ıbsequent c	lays.		
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Sample Matrix: S - Soil, Note: Samples are di	Sd - Solid, Sg	- Sludge, A -	Aqueo	are ren	orted:	unless oth	er arrai	ngement	s are made.	Hazardous	samples w	vill be r	eturn	ed to c	lient o	or disp	osed	of at the	clier	t exp	ense	. The	report	for the ar	nalysis of th	ne above	7
Note: Samples are di samples is applicable	only to the	uays aiter i se samples	receiv	ed by th	ne labo	oratory wi	th this	COC. The	liability of t	the laborator	ry is limited	to the	amo	unt pa	id for	on the	repo	rt.									Page
Samples is applicable																								1	A		4



roject Information	Chain of 0	Custody												1_of_8
lient: Pima Environmental Services	O _a . Bill To			.1	La	b Use					TAT			rogram
roject: Cotton Draw Unit 136 H	Attention: Per Bill To	_	Lab \	NO#		- 1	ob N		1D	2D	3D	Standard	CWA	SDWA
roject Manager: Gio Gomez	Address:		EU	103	<u>59</u>		<u> 3105</u>	8-0007	<u> </u>			Χ.		RCRA
Address: 5614 N. Lovington Hwy.	City, State, Zip					A	naly	sis and Method	<u>-</u>		Т			I KCKA
City, State, Zip Hobbs. NM. 88240	Phone:		ا ا				1	1 1				Specific Co. Sec.	State	<u> </u>
Phone: 806-782-1151	Email:		ᇥ	8015		- 1		.				NM CO		TTXT
mail: gio@pimaoil.com	Pima Project #\-255-\		ě	ρ	3021	န္က	용		ΣŽ					
Report due by:	[Lab	ğ	ORC	Py (<u>۾</u>	35.66	Chloride 300.0	Ä	၂ ႘	1	-	Damarka	
Time Date Matrix No. of Containers Sample ID		Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Sh Sh	BGDOC	верос	-		Remarks	·
11:56 10125 5 58-3	3'	11_							X					
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Additional Instructions:	Billing# 2112642	28												alad as sassinad
I, (field sampler), attest to the validity and authenticity of this sample	I am aware that tampering with or intentionally mislabelling	gthe samp	te locat	ion,				oles requiring therma and in ice at an avg ten						ibien of Teceiven
date or time of collection is considered fraud and may be grounds for Relinquished by: (Signature)	Received by: (Signature)	Pate 20	1.24	Time	40	0	Red	ceived on ice:		Lab (Jse On N	ly		
Reproductive (Signature) Reproductive (Signatu	Received by: Signature)	Date		Time	63				777	ا برک در در		72		
Relinguished by: (Signature) Date Tim	Received by: (Signature)	10.24 Date		Time	е		114	<u> </u>	<u>14</u> . W			_ 13		
10.29.24 2	245 (ath 1100	10.30			: 00			G Temp °C_	7	ace .	- VOA			
eample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reporte		Contain	er Typ	e: g	giass	, p - p	ooly/	plastic, ag - am	ient e	xnens	e. The	report for the a	nalysis of th	ne above
In the state of the second and any after results are reported	a uniess arner arrangements are made.	COLUMN TO WI												



Printed: 10/30/2024 8:57:31AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

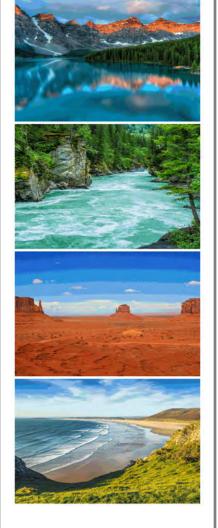
Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24	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 th	ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes		<u>Commer</u>	nts/Resolution
	urn Around Time (TAT)				No. of containers and	sampled by name
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			•
Sample C					are missing on COC by	•
	sample cooler received?		Yes		Cotton Draw Unit 135	H has been separated
	was cooler received in good condition?		Yes		into multiple WOs due	to high sample
	e sample(s) received intact, i.e., not broken?		Yes		volume. WOs are E410	0358-E410361.
	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		<u> </u>	_			
_	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers'	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab	<u>oel</u>					
20. Were	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected? ollectors name?		Yes			
_	reservation		No			
	the COC or field labels indicate the samples were pr	reserved?	No			
	ample(s) correctly preserved?	eserveu:	NA			
	filteration required and/or requested for dissolved m	netals?	No			
	•		110			
	<u>ise Sample Matrix</u> the sample have more than one phase, i.e., multipha:	ra?	No			
	, does the COC specify which phase(s) is to be analy		No			
		zeu.	NA			
	act Laboratory	2	3.7			
	amples required to get sent to a subcontract laborator	-	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA	
Client Ir	<u>istruction</u>					
						0

Date

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

Respectfully,

Walter Hinchman

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

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Sample Summary

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

					Container
S11-1'	E410360-01A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
511-2'	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.
511-4'	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.
812-2'	E410360-06A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
512-3'	E410360-07A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
812-4'	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.
813-2'	E410360-10A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
513-3'	E410360-11A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
513-4'	E410360-12A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
514-1'	E410360-13A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
514-2'	E410360-14A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
514-3'	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.
815-1'	E410360-17A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
815-2'	E410360-18A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
815-3'	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.

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 5:00:06PM

S11-1' E410360-01

		Reporting					
Analyte	Result	Limit	Dil	ution	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	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene	ND	20.0	70-130	1	10/30/24	11/03/24	
	ND		70-130 70-130	1			
Surrogate: Bromofluorobenzene	ND	115 %		1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	ND mg/kg	115 % 95.1 %	70-130	1 Analyst:	10/30/24 10/30/24 10/30/24	11/03/24 11/03/24	Batch: 2444097
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8		115 % 95.1 % 110 %	70-130		10/30/24 10/30/24 10/30/24	11/03/24 11/03/24	Batch: 2444097
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	115 % 95.1 % 110 % mg/kg	70-130		10/30/24 10/30/24 10/30/24 NV	11/03/24 11/03/24 11/03/24	Batch: 2444097
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	mg/kg 194	115 % 95.1 % 110 % mg/kg 25.0	70-130		10/30/24 10/30/24 10/30/24 NV 10/30/24	11/03/24 11/03/24 11/03/24 11/03/24	Batch: 2444097
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	mg/kg 194	115 % 95.1 % 110 % mg/kg 25.0 50.0	70-130 70-130		10/30/24 10/30/24 10/30/24 NV 10/30/24 10/30/24	11/03/24 11/03/24 11/03/24 11/03/24 11/03/24	Batch: 2444097 Batch: 2444158



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 5:00:06PM

S11-2'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444083
Benzene	ND	0.0250	1	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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

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 5:00:06PM

S11-3' E410360-03

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2444083
Benzene	ND	0.0250	1	10/30/2	4 11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/2	4 11/03/24	
Toluene	ND	0.0250	1	10/30/2	4 11/03/24	
o-Xylene	ND	0.0250	1	10/30/2	4 11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/2	4 11/03/24	
Total Xylenes	ND	0.0250	1	10/30/2	4 11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/2	4 11/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/30/2	4 11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/2	4 11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2444083
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/2	4 11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/2	4 11/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/30/2	4 11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/2	4 11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2444097
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/2	4 11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/2	4 11/03/24	
Surrogate: n-Nonane		108 %	50-200	10/30/2	4 11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2444158
	ND			11/02/2	4 11/02/24	



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 5:00:06PM

S11-4'

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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 5:00:06PM

S12-1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	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



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 5:00:06PM

S12-2'

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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 5:00:06PM

S12-3' E410360-07

		2.10000 07					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: IY	•	<i>1</i>	Batch: 2444083
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250	1		10/30/24	11/03/24	Batch: 2444003
Ethylbenzene	ND	0.0250	1		10/30/24	11/03/24	
Toluene	ND	0.0250	1	<u>.</u> 	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	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	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	I	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	I	Analyst: N	V		Batch: 2444097
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	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	1	Analyst: D	Γ		Batch: 2444158
Chloride	ND	20.0	1	1	11/02/24	11/02/24	
Cinoriae		20.0					



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 5:00:06PM

S12-4'

		Reporting					
Analyte	Result	Limit	Dil	ution	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	



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 5:00:06PM

S13-1'

		E410360-09				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	-



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 5:00:06PM

S13-2' E410360-10

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		7 Hidiy Zed	Batch: 2444083
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	10/30/24	11/03/24	Batch: 2444003
Benzene	ND ND	0.0250		1	10/30/24	11/03/24	
Ethylbenzene	ND ND	0.0250		1	10/30/24	11/03/24	
Toluene	ND ND	0.0250		1	10/30/24	11/03/24	
o-Xylene	ND ND	0.0230		1	10/30/24	11/03/24	
p,m-Xylene	ND ND	0.0300		1	10/30/24	11/03/24	
Total Xylenes	ND			1			
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	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez11/6/2024 5:00:06PM

S13-3'

		E410500-11					
Analyte	Result	Reporting Limit		ution	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	



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 5:00:06PM

S13-4'

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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 5:00:06PM

S14-1'

E410	136	.0-1	13

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	l	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	l	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	ļ.	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	l	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



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 5:00:06PM

S14-2'

		E410360-14				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 5:00:06PM

S14-3' E410360-15

Analysis	D14	Reporting			D	A I	Matar
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444083
Benzene	ND	0.0250	1	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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	1	11/02/24	11/02/24	



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 5:00:06PM

S14-4'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444083
Benzene	ND	0.0250	1	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	l	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	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	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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
		·				·	

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 5:00:06PM

S15-1'

		E410360-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	



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 5:00:06PM

S15-2'

		E410360-18				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 5:00:06PM

S15-3' E410360-19

D14	Reporting		-4:	D	A l	Notes
Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2444083
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
ND	0.0500		1	10/30/24	11/03/24	
ND	0.0250		1	10/30/24	11/03/24	
	115 %	70-130		10/30/24	11/03/24	
	93.3 %	70-130		10/30/24	11/03/24	
	107 %	70-130		10/30/24	11/03/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2444083
ND	20.0		1	10/30/24	11/03/24	
	115 %	70-130		10/30/24	11/03/24	
	93.3 %	70-130		10/30/24	11/03/24	
	107 %	70-130		10/30/24	11/03/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2444097
ND	25.0		1	10/30/24	11/03/24	
ND	50.0		1	10/30/24	11/03/24	
	112 %	50-200		10/30/24	11/03/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2444158
ND	20.0		1	11/02/24	11/02/24	
	ND ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 II5 % 93.3 % 107 % mg/kg MD 20.0 II5 % 93.3 % 107 % mg/kg MD 25.0 ND 50.0 II2 % mg/kg mg/kg mg/kg	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 0.0250 ID 70-130 93.3 % 70-130 ID 70-130 mg/kg mg/kg ND 20.0 I15 % 70-130 93.3 % 70-130 107 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 I12 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 115 % 70-130 93.3 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 115 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 112 % 50-200 mg/kg mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 93.3 % 70-130 10/30/24 93.3 % 70-130 10/30/24 107 % 70-130 10/30/24 93.3 % 70-130 10/30/24 93.3 % 70-130 10/30/24 107 % 70-130 10/30/24 107 % 70-130 10/30/24 107 % 70-130 10/30/24 107 % 70-130 10/30/24 107 % 70-130 10/30/24 107 % 70-130 10/30/24 10 % 70-130 10/30/24 10 % 70-130 10/30/24 </td <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 115 % 70-130 10/30/24 11/03/24 93.3 % 70-130 10/30/24 11/03/24 mg/kg mg/kg Analyst: IY ND 20.0 1 10/30/24 11/03/24 115 % 70-130 10/30/24 11/03/24 93.3 % 70-130 10/30/24 11/03/24 107 % 70-130 10/30/24 11/03/24 107 % 70-130</td>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 115 % 70-130 10/30/24 11/03/24 93.3 % 70-130 10/30/24 11/03/24 mg/kg mg/kg Analyst: IY ND 20.0 1 10/30/24 11/03/24 115 % 70-130 10/30/24 11/03/24 93.3 % 70-130 10/30/24 11/03/24 107 % 70-130 10/30/24 11/03/24 107 % 70-130



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 5:00:06PM

S15-4'

E410360-20

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	<u> </u>	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



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/2024 5:00:06PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				11/	6/2024 5:00:06PM
	Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444083-BLK1)							Prepared: 10	0/30/24 Anal	yzed: 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	0/30/24 Anal	yzed: 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	0/30/24 Anal	yzed: 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			

0.500

70-130

0.544



Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Analyst: IY

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/2024 5:00:06PM

Nonhalogenated Organics by EPA 8015D - GRO

93.6

109

70-130

70-130

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)						F	Prepared: 1	0/30/24 Analy	yzed: 11/03/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.561		0.500		112	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
Compositor Tologo do	0.550		0.500	110	70-130

0.500

0.468

0.544

Surrogate: Toluene-d8	0.550		0.500	110	70-130		
LCS Dup (2444083-BSD2)					Pr	epared: 10/3	0/24 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		

0.500

QC Summary Data

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

,									
	Nonha	Analyst: NV							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444097-BLK1)							Prepared: 1	0/30/24 Anal	yzed: 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: 1	0/30/24 Anal	yzed: 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: 1	0/30/24 Anal	yzed: 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 PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager		Cotton Draw Unit 135 H 01058-0007 Gio Gomez					Reported: 11/6/2024 5:00:06PM		
		Analyst: DT									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		

Blank (2444158-BLK1)						Prepared: 11/	02/24 Analyzed: 11/02/2
Chloride	ND	20.0					
LCS (2444158-BS1)						Prepared: 11/	02/24 Analyzed: 11/02/2
Chloride	255	20.0	250	102	90-110		
LCS Dup (2444158-BSD1)						Prepared: 11/	02/24 Analyzed: 11/02/2
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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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.



roject Information Chain of	Custody											I	Page <u>5</u>	5 of <u>8</u>
lient: Pima Environmental Services Bill To				La	b Use					T/				rogram
Project: Cotton Draw Unit 135 H Attention: 12011	_	Lab V	ŅO#	21.	, I		Number	1 <u>D</u>	2D	3D	Stan	dard	CWA	SDWA
Project Manager: Gio Gomez Address:		-	/ 0:	300	J K		sis and Meth	0d		لسل	1	41.7		RCRA
Address: 5614 N. Lovington Hwy. City, State, Zip Phone:					$-\tilde{\tau}$	inary.	sis and weth	Ť	Т	T	П			
ity, state, zip 1000s. Hiv. ooz to		5	ω, l	ı		- 1						0.012.01	State	<u> </u>
Phone: 806-782-1151		8	8015]			e		1		N	м со	UT AZ	TX
Report due by: Pima Project # [-255-]		S S	ρ Q	802	8260	90	8	Σž	1 '	1	[2	c		
	Lab	DRO/ORO by 8015	GRO/DRO by 8	втех _{by} 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	20058	1			Remarks	
Time Date Matrix No. of Containers Sampled Sampled Sampled Sampled D	Number	ă	å	18 1	8	ž	ह	🖁	2	┼	\vdash			
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1:56 S12-4'	8	<u> </u>							\coprod					
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	10								П					
U·V/1			<u> </u>	<u>.l</u>	<u> </u>	<u> </u>	لمسلم	L_	<u> </u>					
Additional Instructions: Billing#2112	647	28												
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling			ion,			Samp	les requiring thern	nal prese	rvation	must be	received on	ice the day	they are sam	pled or received
date or time of collection is considered fraud and may be grounds for legal action. Sampled by:						packe	ed in ice at an avg t					bsequent d	ays.	
Relinquished by: (Signature) Date (CO) (Time Reseived by: (Signature)	Date 10.29	1.)4	Time	40	0	Por	eived on ice		Lab	Use C	Only			
Refinitional Date Date Referred by (Signature)	Date	احق	Time	<u> </u>		, nec	SEIAEG OU IC	٠. ،	יע	••				
March ette Ganzalec 10 29-24 1630 1 200 1180	10.29	1-24		63	50	T1.		Ţ	2	: 		<u>r3</u>		
Rel/nouished/by: (\$grature) Date Time Received by (Signature)	Date 10.30	1.24	Time	00		AV	G Temp ^o C_	4		XV.				
July 1000 1000 1000 1000 1000 1000 1000 10	Contain	er Tyr	e: g -	glass	. p - n	oly/r	plastic, ag - a	mber	lass,	v - VO	A	**************************************		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	samples wi	ill be r	eturne	d to c	lient o	r disp	osed of at the	client	expen	se. Th	e report 1	or the an	alysis of th	e above
samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory	y is limited	to the	amou	ınt pa	id for c	n the	e report.							



Page 32 of 33

Client: Pima Environme	ntal Service	205				i		Lal	b Use	• Onl	y				1A		1	EPA PI	
Project: C()++1)(\ 1)(1)	1(1) Ini-	FIZGH		Attention: PEVON		Lab	WO#		- 1	ob N	lumk	per	1D	2D	3D	Sta	ndard	CWA	SDWA
Project Manager: Gio G	omez	 	200	Address:		E4	1103	360				2007				X			
Address: 5614 N. Lovin	aton Hwy.			City, State, Zip					- 1	naly	sis an	d Metho	d						RCRA
City, State, Zip Hobbs.	NM 88240)	3	Phone:										1					
Phone: 806-782-1151	WIN. 002.13		1	Email:		8015	5	. 1		1		1	1	١	1 1	L		State	
Email: gio@pimaoil.co	om		1			A 88	8	되	ا ہ		8		Σ		1		NM CO	UT AZ	TX
Report due by:			1	Pima Project # \ - 255- \		្ត្រី	စ္က	8	82	601	8			ř			X		
Time Date	No. of	Ī			Lab	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chlaride 300.0		ВСВОС	BGBOC	1			Remarks	İ
Sampled Sampled Matri	Containers	Sample ID			Number	ĕ	ığ.	ä	8	ž	ธิ		8	8	1-	\vdash			
2:11 10125 5		512-	21		//								X						
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3:00 (1		S15-L	<u>l'</u>		20			<u> </u>								L.			
Additional Instructions:	<u> </u>			Billing #211764	28														
I. (field sampler), attest to the val	lidity and auther	nticity of this sample	e. I am	aware that tampering with or intentionally mislabe	llingthe samp	le loca	tion,												oled or received
date or time of collection is consi										packe	d in ice	at an avg ter					subsequent d		
Relinquished by: (Signature)	Dat		3:0	D Received by: (signature) Nichelle Gonzales	Date 101	1.24	Time	140	æ	Rec	eive	d on ice:		Lab 1 19)/	Use O N	Inly			
Relinguished byg(Signature)	Da	Tin		Destined by (Signamen)	Date		Tim		0	1.72				_			73		, . ,
Michelle Gon	zales li		6		10.29		Tim	رها	V	_ T1		<u> </u>	14	فحسا		 ·	13		
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Sample Matrix: S - Soil, Sd - Solid		1 0 Othe		- I VIAVV	Contain	er Tv	oe: g ·	glass	s, p - p	oly/r	olasti	c, ag - am	ber g	lass,	v - VO	Α			
Make: Complet are discarded	30 days after	results are report	ed uni	ess other arrangements are made. Hazardou	s samples w	ill be r	eturne	ed to c	lient o	or disp	osed	of at the c	lient e	xpens	e. The	e repor	t for the ar	alysis of th	e above
samples is applicable only to	those sample	received by the	abora	tory with this COC. The liability of the laborate	ory is limited	to the	amo	unt pai	id for	on the	repo	rt.							



Printed: 10/30/2024 9:06:42AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

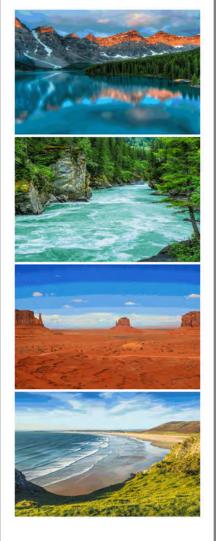
Instructions: Please take note of any NO checkmarks.

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

	1 8			•	•
Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 0	08:00	Work Order ID: E410360
Phone:	(575) 631-6977	Date Logged In:	10/29/24 1	6:33	Logged In By: Noe Soto
Email:	gio@pimaoil.com	Due Date:	11/05/24 1	7:00 (4 day TAT)	
Chain of	Custody (COC)				
	Custody (COC)		**		
	e sample ID match the COC? e number of samples per sampling site location mate	oh the COC	Yes		
		ch the COC	Yes		
	amples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: C	<u>Courier</u>
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No		
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comments/Resolution
Sample T	urn Around Time (TAT)				<u> </u>
	COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers and sampled by name are
Sample C	•		140		missing on COC by client. Project Cotton
	ample cooler received?		Yes		
	was cooler received in good condition?		Yes		Draw Unit 135H has been separated into
•	e sample(s) received intact, i.e., not broken?				multiple WOs due to high sample volume.
			Yes		WOs are E410358-E410361.
	custody/security seals present?		No		
11. If yes,	were custody/security seals intact?		NA		
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes		
	risible ice, record the temperature. Actual sample	temperature. 4 C	<u>~</u>		
Sample C			N.T.		
	queous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		Yes		
	ppropriate volume/weight or number of sample contain	ers collected?	Yes		
Field Lab					
	field sample labels filled out with the minimum info	rmation:	Yes		
	umple ID? ate/Time Collected?				
	ollectors name?		Yes No		
	reservation		140		
	the COC or field labels indicate the samples were pro-	eserved?	No		
	mple(s) correctly preserved?		NA		
	filteration required and/or requested for dissolved m	etals?	No		
	se Sample Matrix				
	the sample have more than one phase, i.e., multiphas	:e?	No		
	does the COC specify which phase(s) is to be analy				
		zcu:	NA		
	act Laboratory				
	mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	o: NA
Client In	struction				

Date

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
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.



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 9:25:42AM

S16-1' E410361-01

		E410501-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		118 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		171 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	

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 9:25:42AM

S16-2'

E41	N261	02
P.44 II	บวดา	-112

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		108 %	50-200	10/31/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 9:25:42AM

S16-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		91.2 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	•



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 9:25:42AM

S16-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		91.2 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		113 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2444159



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 9:25:42AM

S17-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	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	Analy	yst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	

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 9:25:42AM

S17-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	•



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 9:25:42AM

S17-3'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2444100
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0500	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
	91.3 %	70-130	10/30/24	11/04/24	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2444100
ND	20.0	1	10/30/24	11/04/24	
	92.8 %	70-130	10/30/24	11/04/24	
mg/kg	mg/kg	Ana	alyst: AF		Batch: 2444130
ND	25.0	1	10/31/24	11/03/24	
ND	50.0	1	10/31/24	11/03/24	
	111 %	50-200	10/31/24	11/03/24	
mg/kg	111 % mg/kg		<i>10/31/24</i> alyst: JM	11/03/24	Batch: 2444159
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 91.3 % mg/kg ND 20.0 92.8 % mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 91.3 % 70-130 mg/kg mg/kg An ND 20.0 1 mg/kg mg/kg An ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: AF ND 25.0 1 10/31/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 11/04/24 ND 0.0500 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 11/04/24 mg/kg mg/kg Analyst: SL 11/04/24 mg/kg mg/kg Analyst: AF 11/04/24 ND 25.0 1 10/31/24 11/03/24



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 9:25:42AM

S17-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	Analy	yst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	Analy	yst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	_

Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

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 9:25:42AM

S18-1' E410361-09

Reporting Analyte Result Limit Dilution Analyzed Notes Prepared Analyst: SL Batch: 2444100 mg/kg mg/kg Volatile Organics by EPA 8021B 11/04/24 ND 0.0250 10/30/24 Benzene 1 10/30/24 11/04/24 Ethylbenzene ND 0.0250ND 0.02501 10/30/24 11/04/24 Toluene 1 10/30/24 11/04/24 o-Xylene ND 0.02501 10/30/24 11/04/24 ND 0.0500 p,m-Xylene 10/30/24 11/04/24 1 Total Xylenes ND 0.025010/30/24 11/04/24 90.5 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: SL Batch: 2444100 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 11/04/24 ND 20.0 1 10/30/24 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 91.9 % 10/30/24 11/04/24 70-130 mg/kg mg/kg Analyst: AF Batch: 2444130 Nonhalogenated Organics by EPA 8015D - DRO/ORO 25.0 10/31/24 11/03/24 314 Diesel Range Organics (C10-C28) 10/31/24 11/03/24 Oil Range Organics (C28-C36) 210 50.0 1

113 %

mg/kg

20.0

mg/kg

ND

50-200

10/31/24

11/02/24

Analyst: JM

1

11/03/24

11/02/24

Batch: 2444159

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 9:25:42AM

S18-2'

E41	0361	-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	Analy	st: 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	Analy	vst: 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	Analy	vst: JM		Batch: 2444159



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
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S18-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		90.9 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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		109 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 9:25:42AM

S18-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		91.5 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		113 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 9:25:42AM

S19-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: JM		Batch: 2444159
	ND	20.0		11/02/24	11/02/24	



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 9:25:42AM

S19-2'

	Danastina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2444100
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
ND	0.0500	1	10/30/24	11/04/24	
ND	0.0250	1	10/30/24	11/04/24	
	91.7 %	70-130	10/30/24	11/04/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2444100
ND	20.0	1	10/30/24	11/04/24	
	92.1 %	70-130	10/30/24	11/04/24	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2444130
ND	25.0	1	10/31/24	11/03/24	
ND	50.0	1	10/31/24	11/03/24	
	112 %	50-200	10/31/24	11/03/24	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2444159
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 91.7 % mg/kg MD 20.0 92.1 % mg/kg ND 25.0 ND 50.0 112 %	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 70-130 mg/kg mg/kg Anal ND 20.0 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 112 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: AF ND 25.0 1 10/31/24 ND 50.0 1 10/31/24 ND 50.0 1 10/31/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 ND 0.0500 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 ND 0.0250 1 10/30/24 11/04/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/30/24 11/04/24 mg/kg mg/kg Analyst: SL 1 10/30/24 11/04/24 mg/kg mg/kg Analyst: AF 1 10/30/24 11/04/24 ND 25.0 1 10/31/24 11/03/24 ND 50.0 1 10/31/24 11/03/24 ND 50.0 1 10/31/24 11/03/24



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 9:25:42AM

S19-3'

E410361-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	Analy	yst: 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	Analy	yst: 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	Analy	yst: JM		Batch: 2444159



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 9:25:42AM

S19-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 9:25:42AM

S20-1'

	Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		90.0 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	
Surrogate: n-Nonane		122 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	

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 9:25:42AM

S20-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	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	An	alyst: 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	An	alyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	-



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 9:25:42AM

S20-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		89.4 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	An	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		92.6 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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		109 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 9:25:42AM

S20-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	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	Ana	alyst: 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	Ana	alyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



Surrogate: 4-Bromochlorobenzene-PID

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

Plains TX, 79355-0247		Project Number: Project Manager		o Gomez				11	/6/2024 9:25:42AN
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444100-BLK1)]	Prepared: 10	0/30/24 Ana	lyzed: 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	0/30/24 Ana	lyzed: 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	0/30/24 Ana	lyzed: 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: 1-Chloro-4-fluorobenzene-FID

7.50

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

Plains TX, 79355-0247		Project Manager	r: Gi	o Gomez				11	/6/2024 9:25:42AM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			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: 1	0/30/24 Ana	lyzed: 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: 1	0/30/24 Ana	lyzed: 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: 1	0/30/24 Ana	lyzed: 11/04/24
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0		81.8	70-130	0.580	20	

93.8

70-130

Surrogate: n-Nonane

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/20249:25:42AM

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	Nonha	Analyst: AF							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444130-BLK1)							Prepared: 1	0/31/24 Ana	alyzed: 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: 1	0/31/24 Ana	alyzed: 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: 1	0/31/24 Ana	alyzed: 11/03/24
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132	3.96	20	

112

50-200



QC Summary Data

PO Box 247 Plains TX, 79355-0247	Project Number: Project Manager:	01058-0007 Gio Gomez EPA 300.0/9056A	11/6/2024 9:25:42AM
Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:

		Analyst: JM							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444159-BLK1)							Prepared: 1	1/02/24 Ana	lyzed: 11/02/24
Chloride	ND	20.0							
LCS (2444159-BS1)							Prepared: 1	1/02/24 Ana	lyzed: 11/02/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2444159-BSD1)							Prepared: 1	1/02/24 Ana	lyzed: 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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
1	PO Box 247	Project Number:	01058-0007	Reported:
١	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

lient: Pima Environmental Services Bill To						e On						TAT		EPA Pr	
roject: Cotton Iraw Unit 135H Attention: Leven		Lab !	WO#			l dol	Num	ber	1[) 20	<u> </u>		Standard X	CWA	SDWA
roject Manager: Gio Gomez Address:		E	103	<u>3U</u>	1 .	010	56'	10007					्र विकास व	 	RCRA
Address: 5614 N. Lovington Hwy. City, State, Zip						Anaiy	sis ai	nd Meth	100	\top					- KCKA
ity, State, Zip Hobbs. NM. 88240 Phone:		L L	5								-		Sept. Carrier	State	
Phone: 806-782-1151		8	801	\ _			9	l	╽.		1		NM CO	UT AZ	TX
teport due by: Pima Project # /-255-/) Š	80 by	y 802	8260	6010	e 300	1			×		X		
Time Date Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOL) B000C		_	Remarks	
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Additional Instructions: Billing#21/264	28							-							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabell date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	ingthe samp	pte loca	tion,			Samp	oles rec ed in ic	uiring ther e at an avg	mal pro temp a	servation bove 0	on mu but le:	st be rece ss than 6	eived on ice the da °C on subsequent o	/ they are samples.	oled or received
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Date Time Received by: (Signature)	Date 10.30	2.20	Tim	e . //	<u></u>		44	mp °C	_ _4	· -				namida jedici	
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envirotech Inc.

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Phone: (575) G1-4077 Email: goldgimmail.com Date	Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24	08:00	Work Order ID:	E410361
Email: giolispinasol.com Due Date: 1705/24 17:00 (4 day TAT)	Phone:	(575) 631-6977	Date Logged In:	10/29/24	16:34	Logged In By:	Noe Soto
1. Does the sample ID match the COC? 2. Does the number of samplies per sampling site location match the COC 2. Does the number of samplies per sampling site location match the COC 3. Were analysed dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, datas/times, requested analyses? 5. Were all samples received within holding time? 5. Were all samples received within holding time? 6. Did the COC indicate standard TAT, or Expedited TAT? 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received in good condition? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample (so received intact, i.e., not broken? 10. Were custody/security scals intact? 11. If yes, were custody/security scals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°=2°C Note: Thermal preservation is not required, if samples are received wil 15 sample Contract 13. If no two sible ice, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples collected in the COVA vials? 15. Are VOC samples collected in the course containers? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the course containers? 19. Is the appropriate volume/weight or number of sample containers collected? 2. Were field sample labels filled out with the minimum information: 2. Nample Preservation 2. Does the Sample have more than one phase, i.e., multiphase? 2. Are samplely opercely preserved? 2. Are samplely opercely preserved? 2. Les labs filteration required and/or requested for dissolved metals? 3. House the contract laboratory. 3. No Subcontract Labratory specified by the client and if so who? 3. No Subcontract Labratory specified by the client and if so who? 3. No Subcontract Labratory specified by the client and if so who? 3. No Subcontract Labratory.				11/05/24	17:00 (4 day TAT)	<i>cc ,</i>	
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Date

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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

Respectfully,

Walter Hinchman

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S22-1'	1	0
S22-2'	1	1
S22-3'	1.	2
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S23-1'	1.	4
S23-2'	1.	5
S23-3'	1	6
S23-4'	1'	7
S24-1'	1	8
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S24-3'	2	0
S24-4'	2	1
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.



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 4:46:45PM

S21-1' E410362-01

	E410362-01				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2444077
ND	0.0250	1	10/30/24	11/03/24	
0.452	0.0250	1	10/30/24	11/03/24	
0.359	0.0250	1	10/30/24	11/03/24	
4.27	0.0250	1	10/30/24	11/03/24	
6.55	0.0500	1	10/30/24	11/03/24	
10.8	0.0250	1	10/30/24	11/03/24	
	114 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2444077
182	20.0	1	10/30/24	11/03/24	
	114 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2444134
8520	25.0	1	10/31/24	11/03/24	
2340	50.0	1	10/31/24	11/03/24	
	208 %	50-200	10/31/24	11/03/24	S5
mg/kg	mg/kg	Anal	yst: DT		Batch: 2444160
ND	20.0	1	11/02/24	11/02/24	
	mg/kg ND 0.452 0.359 4.27 6.55 10.8 mg/kg 182 mg/kg 8520 2340	Result Reporting mg/kg mg/kg ND 0.0250 0.452 0.0250 0.359 0.0250 4.27 0.0250 6.55 0.0500 10.8 0.0250 114 % mg/kg mg/kg 182 20.0 114 % mg/kg mg/kg 50.0 2340 50.0 208 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 0.452 0.0250 1 0.359 0.0250 1 4.27 0.0250 1 6.55 0.0500 1 10.8 0.0250 1 II4 % 70-130 mg/kg mg/kg Anal 182 20.0 1 114 % 70-130 1 mg/kg mg/kg Anal 8520 25.0 1 2340 50.0 1 208 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 10/30/24 0.452 0.0250 1 10/30/24 0.359 0.0250 1 10/30/24 4.27 0.0250 1 10/30/24 6.55 0.0500 1 10/30/24 10.8 0.0250 1 10/30/24 mg/kg mg/kg Analyst: BA 182 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV 8520 25.0 1 10/31/24 2340 50.0 1 10/31/24 mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/30/24 11/03/24 0.452 0.0250 1 10/30/24 11/03/24 0.359 0.0250 1 10/30/24 11/03/24 4.27 0.0250 1 10/30/24 11/03/24 6.55 0.0500 1 10/30/24 11/03/24 10.8 0.0250 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: BA 182 20.0 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: BA 182 20.0 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: NV 8520 25.0 1 10/31/24 11/03/24 2340 50.0 1 10/31/24 11/03/24 mg/kg mg/kg Analyst: DT

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 4:46:45PM

S21-2'

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



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 4:46:45PM

S21-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2444077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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		98.8 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 4:46:45PM

S21-4'

Analyst: BA 1 10/30/24	Analyzed	Notes Batch: 2444077
Analyst: BA 1 10/30/24		
1 10/30/24	11/03/24	Batch: 2444077
	11/03/24	
1 10/20/21	11/03/24	
1 10/30/24	11/03/24	
1 10/30/24	11/03/24	
1 10/30/24	11/03/24	
1 10/30/24	11/03/24	
1 10/30/24	11/03/24	
10/30/24	11/03/24	
Analyst: BA		Batch: 2444077
1 10/30/24	11/03/24	
10/30/24	11/03/24	
Analyst: NV		Batch: 2444134
1 10/31/24	11/03/24	
1 10/31/24	11/03/24	
10/31/24	11/03/24	
10/31/24		
Analyst: DT		Batch: 2444160
<u>-</u>	1 10/30/24 1 10/30/24 1 10/30/24	1 10/30/24 11/03/24 1 10/30/24 11/03/24 1 10/30/24 11/03/24 1 10/30/24 11/03/24 Analyst: BA 1 10/30/24 11/03/24 10/30/24 11/03/24 Analyst: NV 1 10/31/24 11/03/24



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 4:46:45PM

S22-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	

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

S22-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		106 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2444077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		102 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2444160
	ND	20.0		11/02/24	11/02/24	



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

S22-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2444160
	ND	20.0	1	11/02/24	11/02/24	



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 4:46:45PM

S22-4'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2444077
Benzene	ND	0.0250	1	Į.	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	l	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
		20.0			11/02/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg			Analyst:		11 (02 (2)	E



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 4:46:45PM

S23-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 4:46:45PM

S23-2'

	Danastin a				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444077
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0500	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
	99.9 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2444077
ND	20.0	1	10/30/24	11/03/24	
	88.0 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444134
ND	25.0	1	10/31/24	11/03/24	
ND	50.0	1	10/31/24	11/03/24	
	106 %	50-200	10/31/24	11/03/24	
	/1	And	alyst: DT		Batch: 2444160
mg/kg	mg/kg	Alla	aryst. D1		Datch: 2444100
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MD 20.0 88.0 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Ana MB/kg mg/kg Ana MB/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/31/24 ND 50.0 1 10/31/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/30/24 11/03/24 Mg/kg mg/kg Analyst: BA 11/03/24 11/03/24 Mg/kg mg/kg Analyst: NV 11/03/24 11/03/24 ND 25.0 1 10/31/24 11/03/24 ND 50.0 1 10/31/24 11/03/24



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 4:46:45PM

S23-3'

Reporting Limit	Dilution	Prepared	Analyzed	Notes
	Dilution	Prepared	Analyzed	Notes
mg/kg	Analyst	: BA		Batch: 2444077
0.0250	1	10/30/24	11/03/24	
0.0250	1	10/30/24	11/03/24	
0.0250	1	10/30/24	11/03/24	
0.0250	1	10/30/24	11/03/24	
0.0500	1	10/30/24	11/03/24	
0.0250	1	10/30/24	11/03/24	
101 %	70-130	10/30/24	11/03/24	
mg/kg	Analyst	: BA		Batch: 2444077
20.0	1	10/30/24	11/03/24	
88.2 %	70-130	10/30/24	11/03/24	
mg/kg	Analyst	: NV		Batch: 2444134
25.0	1	10/31/24	11/03/24	
50.0	1	10/31/24	11/03/24	
		10/31/24	11/03/24	
97.3 %	50-200	10/31/24	11/03/24	
97.3 % mg/kg	50-200 Analyst		11/05/24	Batch: 2444160
	0.0250 0.0250 0.0250 0.0500 0.0250 101 % mg/kg 20.0 88.2 % mg/kg	0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.0250 1 101% 70-130 mg/kg Analyst 20.0 1 88.2% 70-130 mg/kg Analyst 25.0 1	0.0250 1 10/30/24 0.0250 1 10/30/24 0.0250 1 10/30/24 0.0500 1 10/30/24 0.0250 1 10/30/24 0.0250 1 10/30/24 101% 70-130 10/30/24 mg/kg Analyst: BA 20.0 1 10/30/24 88.2 % 70-130 10/30/24 mg/kg Analyst: NV	0.0250 1 10/30/24 11/03/24 0.0250 1 10/30/24 11/03/24 0.0250 1 10/30/24 11/03/24 0.0250 1 10/30/24 11/03/24 0.0500 1 10/30/24 11/03/24 0.0250 1 10/30/24 11/03/24 11/03/24 11/03/24 101% 70-130 10/30/24 11/03/24 11/03/24 101% Analyst: BA 20.0 1 10/30/24 11/03/24 88.2 % 70-130 10/30/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24 11/03/24



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 4:46:45PM

S23-4'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2444077
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0500	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
	100 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2444077
ND	20.0	1	10/30/24	11/03/24	
	87.8 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2444134
ND	25.0	1	10/31/24	11/03/24	
ND	50.0	1	10/31/24	11/03/24	
	101 %	50-200	10/31/24	11/03/24	
/1	/1	Ano	lyst: DT		Batch: 2444160
mg/kg	mg/kg	Alla	iyst. D1		Batcii. 2444100
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 100 % mg/kg mg/kg ND 20.0 87.8 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 87.8 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/31/24 ND 25.0 1 10/31/24 ND 50.0 1 10/31/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/30/24 11/03/24 Mg/kg mg/kg Analyst: BA 11/03/24 11/03/24 Mg/kg mg/kg Analyst: NV 11/03/24 11/03/24 ND 25.0 1 10/31/24 11/03/24 ND 50.0 1 10/31/24 11/03/24



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 4:46:45PM

S24-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 4:46:45PM

S24-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	Anal	lyst: 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	Ana	lyst: 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	Anal	lyst: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 4:46:45PM

S24-3'

		E410362-15				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
o,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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	



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 4:46:45PM

S24-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: BA		Batch: 2444077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: DT		Batch: 2444160
Chloride	ND	20.0		11/02/24	11/02/24	



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 4:46:45PM

S25-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	_



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 4:46:45PM

S25-2'

Notes Batch: 2444077
Batch: 2444077
Batch: 2444077
Batch: 2444134
Batch: 2444160
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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 4:46:45PM

S25-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: BA		Batch: 2444077
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		105 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2444160
Chloride	ND	20.0	1	11/02/24	11/02/24	•



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 4:46:45PM

S25-4'

	Danartina				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2444077
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
ND	0.0500	1	10/30/24	11/03/24	
ND	0.0250	1	10/30/24	11/03/24	
	99.6 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2444077
ND	20.0	1	10/30/24	11/03/24	
	88.2 %	70-130	10/30/24	11/03/24	
mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2444134
ND	25.0	1	10/31/24	11/03/24	
ND	50.0	1	10/31/24	11/03/24	
	98.0 %	50-200	10/31/24	11/03/24	
mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2444160
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 88.2 % mg/kg ND 25.0 ND 50.0	Result Limit Diluti mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg A ND 20.0 1 88.2 % 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0250 1 10/30/24 ND 0.0500 1 10/30/24 ND 0.0250 1 10/30/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/31/24 ND 50.0 1 10/31/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0500 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 ND 0.0250 1 10/30/24 11/03/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/30/24 11/03/24 Mg/kg mg/kg Analyst: BA 11/03/24 11/03/24 Mg/kg mg/kg Analyst: NV 11/03/24 11/03/24 ND 25.0 1 10/31/24 11/03/24 ND 50.0 1 10/31/24 11/03/24



Surrogate: 4-Bromochlorobenzene-PID

7.90

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/2024 4:46:45PM

Plains TX, 79355-0247		Project Manage		io Gomez				1	1/6/2024 4:46:45PM
		Volatile (Organics b	y EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444077-BLK1)]	Prepared: 1	0/30/24 An	alyzed: 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: 1	0/30/24 An	alyzed: 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: 1	0/30/24 An	alyzed: 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	

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

Plains TX, 79355-0247		Project Manager	r: Gi	o Gomez					11/6/2024 4:46:45PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444077-BLK1)							Prepared: 1	0/30/24	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: 1	0/30/24	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: 1	0/30/24	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

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

,										
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: NV	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2444134-BLK1)							Prepared: 1	0/31/24 Ana	lyzed: 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: 1	0/31/24 Ana	lyzed: 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: 1	0/31/24 Ana	lyzed: 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				



Chloride

Chloride

LCS Dup (2444160-BSD1)

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(Cotton Draw Ur 11058-0007 Gio Gomez	nit 135 H				Reported: 11/6/2024 4:46:45PM
		Anions l	y 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 (2444160-BLK1)							Prepared: 1	1/02/24 A	nalyzed: 11/02/24
Chloride	ND	20.0							
LCS (2444160-BS1)							Prepared: 1	1/02/24 A	analyzed: 11/02/24

250

250

103

103

90-110

90-110

0.0481

Prepared: 11/02/24 Analyzed: 11/02/24

258

258

20.0

20.0

QC Summary Report Comment:

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



Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
1	PO Box 247	Project Number:	01058-0007	Reported:
1	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.



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1/31/2025 9:47:
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1/31/2025 9:47:38

Project Information

Chain of Custody

	1		9
Page _	<u> </u>	_of_	

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Project M	lanager:	Gio Gor	on Wang		2.3	City, State, Zip		1	****			Analy	sis a	nd Method	1			4			RCRA
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City, State	e, Zip Ho	obbs. NN	/I. 8824U					- ₅₀	\ v											State	
Phone: 8	306-782-	1151				Email:		- 펿	8015	_			O.		_	1			IM CO	UT AZ	TX
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I. (field san	npler), attest	to the validit	ty and auther	nticity of this sam	ple. I an	n aware that tampering with or intentionally mislab	elling the sar	nple lo	cation,			Samp	oles rec	uiring therma e at an avg ter	l preser	vation	must be:	received or in 6 °C on si	n ice the day wheenwent d	they are samp avs.	led or received
date or tim	ne of collection	on is consider	red fraud and	may be grounds	for legal	action. Sampled by:						pack	ea in ic	e at an avg (er	יטטם קיי				and a section of the		
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Sample M	atriv: S. Soil	Sd - Solid Se			<u> </u>		Conta	iner T	ype: g	- glas	s, p -	poly/	plast	ic, ag - am	ber g	lass,	v - VO	A			
22	les ese d	icearded 30	dave after	results are remo	orted ur	eless other arrangements are made. Hazardo	us samples	will be	return	ed to	client	or disp	posed	of at the c	lient e	expen	se. Th	e report	for the ar	alysis of th	e above
samples	ic annlicabl	e only to the	ose samples	received by th	ne labor	atory with this COC. The liability of the labora	tory is limit	ed to t	he amo	unt pa	id for	on the	e repo	ort.							

roject Information	l							Chain	of Custody	,												Page	Zof <u>9</u>
Client: Pima Envir Project: CS+200 Project Manager:	<u>Gio Gon</u>	nez	es 135 H		Atten	ess:)e.vor	l To l		Lab V	NO# 103			olo Olo	Num S8	ber -000 nd Meth	7	20		St	andard	EPA P CWA	SDWA RCRA
Address: 5614 N. City, State, Zip Ho Phone: 806-782- Email: gio@pima Report due by:	bbs. NN 1151	1. 88240			Phon Emai			-255-1	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	0		X		.		NM CC	State UT AZ	
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID						Number	080	GRO,	BTEX	δ	Meta	Chloride		2	200	_	-	ļ	Remarks	
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9:56 Additional Instruc			525-			Ri	Nino	4711	7.642			<u> </u>		<u> </u>		<u> </u>		!	_				
I, (field sampler), attest t date or time of collection	the validit	y and authen	ticity of this sa	mple. I an	n aware th	hat tamperii	ng with or wit	ntentionally mislab by:	elling the samp	ile loca	tion,							ove 0 t	ut less t	han 6°C	on subsequen		npled or received
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Sample Matrix: S - Soil, S Note: Samples are dis	eneded 20	dave after r	oculte are rer	orted ur	less othe	er arrangei	ments are	made. Hazardo	Contain us samples w	ill be r	eturne	ed to c	lient o	or disp	posed	of at the	client	expe	nse.	he rep	ort for the	analysis of ti	he above
samples is applicable	only to the	se samples	received by	he labor	atory wit	th this COC	. The liabi	lity of the labora	tory is limited	to the	amou	ınt pa	id for	on the	e repo	οπ							

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Printed: 10/30/2024 9:45:24AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

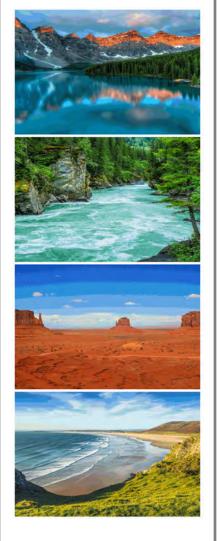
Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 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:		00 (4 day TAT)	
Chain of	Custody (COC)				
	ne sample ID match the COC?		Yes		
2. Does th	ne number of samples per sampling site location mate	ch the COC	Yes		
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No	_	
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comments/Resolution
Sample T	urn Around Time (TAT)				
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers and sampled by name is
Sample C	<u>Cooler</u>				missing on COC by client. Project Cotton
	sample cooler received?		Yes		Draw Unit 135H has been separated into
8. If yes,	was cooler received in good condition?		Yes		multiple WOs due to high sample volume.
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		
	custody/security seals present?		No		WOs are E410362-E410365.
	were custody/security seals intact?		NA		
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes		
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°C	<u>C</u>		
Sample C					
	queous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample contain	ers collected?	Yes		
Sa D	net field sample labels filled out with the minimum infor ample ID? ate/Time Collected? ollectors name?	mation:	Yes Yes No		
	reservation		110		
	the COC or field labels indicate the samples were pro	eserved?	No		
	imple(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved m	etals?	No		
	se Sample Matrix				
	the sample have more than one phase, i.e., multiphas	e?	No		
	does the COC specify which phase(s) is to be analy		NA		
			1421		
	act Laboratory	9	M-		
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if		No NA S	ula a net marie T. 1	NA
	• • •	so who?	NA S	ubcontract Lab): NA
Client Ir	<u>struction</u>				
1					

Date

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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

Cell: 505-320-4759

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Michelle Gonzales

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

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.

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 9:21:33AM

S26-1' E410363-01

		E410505-01					
Analyte	Result	Reporting Limit	Dilut	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444104
Benzene	ND	0.0250	1	ı	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	l	10/30/24	11/03/24	
Toluene	ND	0.0250	1	i	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	i	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	i	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	l .	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	1	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	1	Analyst:	AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	i	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	Į.	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	1	Analyst:	JM		Batch: 2444161



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 9:21:33AM

S26-2' E410363-02

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•	1 mary 200	Batch: 2444104
Benzene	ND	0.0250		1	10/30/24	11/03/24	Butch. 2 111101
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	



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 9:21:33AM

\$26-3' E410363-03

		.,,,,,					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	



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 9:21:33AM

S26-4'

		Reporting					
Analyte	Result	Limit	Di	lution	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	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S27-1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: I	Y		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	1	Analyst: I	Y		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	1	Analyst: A	F		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	1	Analyst: J!	M		Batch: 2444161
		<u> </u>			11/02/24	11/02/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:21:33AM

S27-2'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		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: I	Y		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: A	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: J	IM		Batch: 2444161

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:21:33AM

S27-3'

E410363-07	7

		Reporting					
Analyte	Result	Limit	Di	lution	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	

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 9:21:33AM

S27-4'

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	٠	Analyst:	IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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

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 9:21:33AM

S28-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	ı	Analyst: I	Y		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	I	Analyst: I	Y		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	1	Analyst: A	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	I	Analyst: J	M		Batch: 2444161
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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 9:21:33AM

S28-2' E410363-10

		2.110000 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
					•	7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			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	



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 9:21:33AM

S28-3'

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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 9:21:33AM

S28-4'

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	A	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	A	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	A	analyst: JM		Batch: 2444161

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 9:21:33AM

S29-1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	7		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	1	Analyst: IY	7		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: A	F		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	1	Analyst: JN	Л		Batch: 2444161
						11/02/24	

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 9:21:33AM

S29-2'

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	ļ	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	ļ.	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
					11/02/24	11/02/24	

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 9:21:33AM

S29-3'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		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: I	Y		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: A	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	ļ.	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: J	ΙΜ		Batch: 2444161
					11/02/24	11/02/24	

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 9:21:33AM

S29-4'

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	ļ.	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	٠	Analyst:	IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	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	ļ.	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

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 9:21:33AM

S30-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: JM	I		Batch: 2444161
Allons by EPA 500.0/9050A							



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 9:21:33AM

S30-2'

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: JM		Batch: 2444161

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 9:21:33AM

S30-3'

		2.10000 17					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dii	ution	rrepared	Anaryzeu	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	_

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 9:21:33AM

S30-4'

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		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	I	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	1	Analyst: A	F		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	1	Analyst: JN	М		Batch: 2444161

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/20249:21:33AM

Result Limit Level Result Rec Limits RPD Limit Limits mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg % % % % % % % % Notes	Plains TX, 79355-0247		Project Manage	r: Gi	io Gomez				11/	6/2024 9:21:33AM
Result Limit Level Result Rec Limits RPD Limit Limits mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % Notes		Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Stank (2444104-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24	Analyte	Result				Rec		RPD		
ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Apple ND	Blank (2444104-BLK1)						I	Prepared: 10	0/30/24 Anal	yzed: 11/03/24
ND	Benzene	ND	0.0250							
ND 0.0250 ND 0.0500	Ethylbenzene	ND	0.0250							
ND 0.0500 ND 0.0250 ND ND 0.0250 ND ND ND ND ND ND ND N	Toluene	ND	0.0250							
ND 0.0250	o-Xylene		0.0250							
### 1.2-Dichlorobenzene 0.494 0.500 98.7 70-130 ####################################	p,m-Xylene		0.0500							
turngate: 1,2-Dichloroethane-d4 urogate: 1,2-Dichloroethane-d8 0.528 0.500 93.1 70-130 70-130 CS (2444104-BSI) Prepared: 10/30/24 Analyzed: 11/03/24	Total Xylenes	ND	0.0250							
Prepared: 10/30/24 Analyzed: 11/03/24	Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Prepared: 10/30/24 Analyzed: 11/03/24 Analyze	Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
enzene 2.36 0.0250 2.50 94.3 70-130 httplenzene 2.57 0.0250 2.50 103 70-130 httplenzene 2.51 0.0250 2.50 100 70-130 httplenzene 2.51 0.0250 2.50 106 70-130 httplenzene 2.53 0.0250 2.50 106 70-130 httplenzene 5.37 0.0500 5.00 107 70-130 httplenzene 5.37 0.0500 5.00 107 70-130 httplenzene 6.498 0.500 99.6 70-130 httplenzene 70-130 httplenzene 8.803 0.0250 7.50 107 70-130 httplenzene 8.903 0.517 0.500 101 70-130 httplenzene 8.903 0.517 0.500 103 70-130 httplenzene 8.903 0.517 0.500 103 70-130 httplenzene 8.903 0.517 0.500 103 70-130 httplenzene 8.903 0.517 0.500 103 70-130 httplenzene 9.35 0.0250 2.50 85.9 70-130 9.39 23 httplenzene 9.35 0.0250 2.50 96.2 70-130 6.67 27 httplenzene 9.35 0.0250 2.50 93.8 70-130 6.76 24 httplenzene 9.35 0.0250 2.50 93.8 70-130 8.13 27 httplenzene 9.496 0.0500 5.00 99.1 70-130 8.13 27 httplenzene 9.496 0.0500 5.00 99.1 70-130 8.03 27 httplenzene 9.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 99.9 70-130 8.06 27 httplenzene 9.500 0.500 0.500 99.9 70-130 8.06 27 h	Surrogate: Toluene-d8	0.528		0.500		106	70-130			
hiylbenzene 2.57 0.0250 2.50 103 70-130 oluene 2.51 0.0250 2.50 100 70-130 oluene 2.51 0.0250 2.50 100 70-130 oluene 2.51 0.0250 2.50 106 70-130 oluene 3.537 0.0500 5.00 107 70-130 oluene 3.537 0.0500 5.00 107 70-130 oluene 3.64 0.0250 7.50 107 70-130 oluene 3.64 0.504 0.500 107 70-130 oluene 3.64 0.504 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.500 107 70-130 oluene 3.65 0.0250 2.50 85.9 70-130 9.39 23 oluene 3.65 0.0250 2.50 96.2 70-130 6.67 27 oluene 3.65 0.0250 2.50 97.9 70-130 8.13 27 oluene 3.65 0.0250 2.50 97.9 70-130 8.13 27 oluene 3.65 0.0250 2.50 97.9 70-130 8.13 27 oluene 3.65 0.0250 2.50 97.9 70-130 8.03 27 oluene 3.65 0.0250 2.50 97.9 70-130 8.03 27 oluene 3.65 0.0250 2.50 98.7 70-130 8.03 27 oluene 3.65 0.0250 2.50 98.7 70-130 8.03 27 oluene 3.65 0.0250 2.50 98.7 70-130 8.03 27 oluene 3.65 0.0250 2.50 98.7 70-130 8.03 27 oluene 3.65 0.0250 7.50 98.7 70-130 8.03 27 oluene 3.65 0.0250 2.50 98.7 70-130 8.03 27 oluene 3.65	LCS (2444104-BS1)						I	Prepared: 10	0/30/24 Anal	yzed: 11/03/24
Solution 2.51 0.0250 2.50 100 70-130	Benzene	2.36	0.0250	2.50		94.3	70-130			
Xylene 2.66 0.0250 2.50 106 70-130	Ethylbenzene	2.57	0.0250	2.50		103	70-130			
Solid Soli	Toluene	2.51	0.0250	2.50		100	70-130			
Secondary Seco	o-Xylene	2.66	0.0250	2.50		106	70-130			
O.500	p,m-Xylene		0.0500	5.00		107	70-130			
### Prepared: 10/30/24 Analyzed: 11/03/24 Analyzed:	Total Xylenes	8.03	0.0250	7.50		107	70-130			
CS Dup (2444104-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24	Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
CS Dup (2444104-BSD1) enzene 2.15 0.0250 2.50 85.9 70-130 9.39 23 thylbenzene 2.40 0.0250 2.50 96.2 70-130 6.67 27 solutione 2.35 0.0250 2.50 93.8 70-130 6.76 24 trylene 2.45 0.0250 2.50 93.8 70-130 6.76 24 trylene 2.45 0.0250 2.50 97.9 70-130 8.13 27 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 trylene 6.500 99.9 70-130 8.06 27 trylene 7.40 0.0250 7.50 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9 70-130 8.06 99.9	Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
enzene 2.15 0.0250 2.50 85.9 70-130 9.39 23 thylbenzene 2.40 0.0250 2.50 96.2 70-130 6.67 27 slutene 2.35 0.0250 2.50 93.8 70-130 6.76 24 Xylene 2.45 0.0250 2.50 97.9 70-130 8.13 27 m-Xylene 4.96 0.0500 5.00 99.1 70-130 8.03 27 stal Xylenes 7.40 0.0250 7.50 98.7 70-130 8.06 27 urrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130	Surrogate: Toluene-d8	0.517		0.500		103	70-130			
thylbenzene 2.40 0.0250 2.50 96.2 70-130 6.67 27 pluene 2.35 0.0250 2.50 93.8 70-130 6.76 24 Xylene 2.45 0.0250 2.50 97.9 70-130 8.13 27 m-Xylene 4.96 0.0500 5.00 99.1 70-130 8.03 27 otal Xylenes 7.40 0.0250 7.50 98.7 70-130 8.06 27 urrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130	LCS Dup (2444104-BSD1)						I	Prepared: 10	0/30/24 Anal	yzed: 11/03/24
hylbenzene 2.40 0.0250 2.50 96.2 70-130 6.67 27 bluene 2.35 0.0250 2.50 93.8 70-130 6.76 24 Xylene 2.45 0.0250 2.50 97.9 70-130 8.13 27 m-Xylene 4.96 0.0500 5.00 99.1 70-130 8.03 27 blad Xylenes 7.40 0.0250 7.50 98.7 70-130 8.06 27 urrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130	Benzene	2.15	0.0250	2.50		85.9	70-130	9.39	23	
Solutione 2.35 0.0250 2.50 93.8 70-130 6.76 24 Xylene 2.45 0.0250 2.50 97.9 70-130 8.13 27 m-Xylene 4.96 0.0500 5.00 99.1 70-130 8.03 27 otal Xylenes 7.40 0.0250 7.50 98.7 70-130 8.06 27 urrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130 70-130	Ethylbenzene	2.40		2.50		96.2	70-130	6.67		
m-Xylene 4.96 0.0500 5.00 99.1 70-130 8.03 27 stal Xylenes 7.40 0.0250 7.50 98.7 70-130 8.06 27 urrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130	Toluene	2.35		2.50		93.8	70-130	6.76	24	
total Xylenes 7.40 0.0250 7.50 98.7 70-130 8.06 27 urrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130	o-Xylene	2.45	0.0250	2.50		97.9	70-130	8.13	27	
urrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130	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	
urogate: 1,2-Dichloroethane-d4 0.507 0.500 101 70-130	Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
	Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			

0.500

104

70-130

0.522



Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/20249:21:33AM

Nonhalogenated Organics by EPA 8015D - GR	Nonhalogen	ated Orga	nics by	EPA8	8015D - (GRO
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Anal	yst:	I
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Analyte Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2444104-BLK1)						Prepared: 10	0/30/24 Ar	alyzed: 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	0/30/24 Ar	nalyzed: 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 Ar	nalyzed: 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			



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

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				1	1/6/2024 9:21:33AM
	Nonha	logenated Or	ganics by l	EPA 8015I) - 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: 1	0/31/24 An	alyzed: 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: 1	0/31/24 An	alyzed: 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: 1	0/31/24 An	alyzed: 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			



PO Box 247 Plains TX, 79355-0247	Project Number: Project Manager:	01058-0007 Gio Gomez EPA 300.0/9056A	11/6/2024 9:21:33AM
Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:

			•						,
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444161-BLK1)							Prepared: 1	1/02/24 Ana	llyzed: 11/02/24
Chloride	ND	20.0							
LCS (2444161-BS1)							Prepared: 1	1/02/24 Ana	lyzed: 11/02/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2444161-BSD1)							Prepared: 1	1/02/24 Ana	lyzed: 11/02/24
Chlorido	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.



Client D		ronmon	lal Sand	200	-	Bill To				La	b Us	e On	V		Γ		T/	AT	T	EPA P	rogram
Project:	M LLA	ironment		<u> </u>		Attention: Ploh		Lab	WO#	30 m	12	Job N	lum		1D	2D	3D	Stan	dard	CWA	SDWA
Project M	anager:	Gio Gor	nez ⊼- ∩⁄⁄ti	` 		Address:		E	110	363	3	010	<u>58-</u>	000 F				LX			255
Address:	5614 N	Lovingt	on Hwy.			City, State, Zip						Analy	sis ar	nd Metho	d				- 1		RCRA
City, State	e, Zip H	obbs. NN	и. 88240)	1	Phone:		l						ŀ	l	ł			Stilling of	<u> </u>	L
Phone: 8	306-782	·1151			10.07	Email:		53	8015	1		l 1			1	1		۱ ا	NAL CO.T	State	TVI
Email:	niq@oip	naoil.com	<u> </u>			Pima Project # 1-255-/		8	Ã Ā	🛚	8	9	0.0		ΣŽ	۲	1		M CO	UT AZ	 '^
Report de						Pilita Project# 1 65 5 7		\ <u>8</u>	8) A	ıy 82	s 60:	de 3			1	Į.	-	X II	L	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC	_			Remarks	
10:03	10128	S		526-	-1'		1								X	_	_				
10-11	ſ	ľ		826	2,		a		_						\coprod	1_	-	-	-		
10:16				526-	<u>3'</u>		3			<u> </u>					#	-	_	$\downarrow \downarrow$			
10:23				526-1	<u> </u>		4		_			_		-	\coprod	1					
10:30				527-	1,		5	_	<u> </u>	_			-		\coprod	_	_				
10:36				527-	2'		6		_	_		_	ļ	<u> </u>	$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	\perp	_	1			
10:41				527-	3'		7		_	_		<u> </u>	<u> </u>			_	_				
10:48				527-1	Ч,		8	$oldsymbol{\perp}$		_		_	_		_						
10:56				528 -	1'		9		<u> </u>					<u> </u>			_				
1/://	1	\prod		528 -	2'		b					<u> </u>									
1	nal Instru					Billing# 21	126		8										to the day	·····	alad as specimed
I, (field san	pler), attest	to the validit	ty and authe	nticity of this samp	le. I am	aware that tampering with or intentionally mislabe	lling the samp	ole loca	tion,					uiring therma e at an avg ter							oled or received
				may be grounds for		action. Sampled by:	Date		Time							Lab	Use C	Only			
Relinguished by: (Signature) Date D2924 Time 2:00 Reveised by: (Signature) Oate D2924 Time 2:00 Reveised by: (Signature) Oate D3024 Time 2:00 Reveised by: (Signature)							10. 2 Date	1.24	$\mid l$	40		Received on Ice: N									
Vyic	ned by: (Sig	Tonso	les 10	2924	The last		10.29	.24	Tim	63	0	T1.	ř.		E	2		<u> </u>	T3	41.	
Relifiquis	ed by: (Sig	gnåture)∕∕	Da		me 224.	Received by: (Signature)	10-30			3 00				mp ºC							
Sample M			Cluster A	Acusaus O Oth	ег		Contain	er Ty	pe: g	- glass	s, p -	poly/ _I	olasti	c, ag - am	ber g	lass,	v - VO	A rona =	for the sa	abecie of the	o about
Mate: So	nalos are d	iscarded 30	days after	results are repor	ted un	ess other arrangements are made. Hazardou	is samples w	ill be i	eturno	ed to c	id for	or disp	osed	of at the c	uent 6	xpen	se. IN	ereport	ior ute an	aiysis Oi Ui	e annag
samples	s applicabl	e only to the	ose sample	s received by the	labora	tory with this COC. The liability of the laborate	ory & itmited	to the	: ailioi	unii pa	10 10f	on tile	rept	71 4.							



oject Information	Chain of	custouy	'									-6-	of_ <u></u>
ient: Pima Environmental Services	Attention: Della To					Use O		10	120	TAT	- Standard	EPA Pi	rogram SDWA
ient: Pima Environmental Services oject: COHON VIOW UNIT 135 oject Manager: Gio Gomez	Attention: Address:	_	Lab V E 4	NO# 10 9	63	lor	b Number 058-000 7	1D	20	3D	X	CWA	SUVA
ddress: 5614 N. Lovington Hwy.	City, State, Zip					Ana	alysis and Method						RCRA
ty, State, Zip Hobbs. NM, 88240	Phone:		ا ي ا	اي								State	
none: 806-782-1151 mail: gio@pimaoil.com	Email:		801	,801	. I	٦ _		5				UT AZ	TX
eport due by:	Pima Project # \-255-		80 p	080 Q	y 802	y 826 6010	, M	ž	<u> </u>		X		
Time Date Matrix No. of Containers Sampled		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260 Metals 6010	Chloride 300.0	ВСБОС	BGDOC			Remarks	
1:17 10128 5	528-3'	11						X					
	528 - 4'	12							_		-		
1:25	529-1'	13									_		
	29- V	14						Ш	_				
1:41	329- 3'	15				_		\prod					
	39.9-4'	16						\coprod					
	30-1	17						\coprod					
	30-2'	18											
	570-3'	19							Ц_				_
2:11	530-4'	20											
Additional Instructions:	Billing#21126428												
	f this sample. I am aware that tampering with or intentionally mislabelling	g the sampl	le locati	ion,		Sar	amples requiring thermal acked in ice at an avg ten	preser p abov	vation m e 0 but l	ust be rec ess than 6	eived on ice the da °C on subsequent	y they are sam days.	aled or received
late or time of collection is considered fraud and may be relinquished by: (Signature) Date Date Date		10.29	1.)4	Time	400	R	Received on ice:	4	(ab (lse On V	ly		
Relinquished by (Signature) Vichelle Gonzales 10. J. G.	Time Received by: (Signature)	Date 10.29.		Time	630) <u>T</u>	1	<u>12</u>			13		
Relinquished by: (Signature) Date 0.29	Time Received by: (Signature)	Date 10-30	3 4		100	À	AVG Temp ^o C y/plastic, ag - am	4	<u>.</u>				

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envirotech Inc.

Printed: 10/30/2024 9:53:46AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

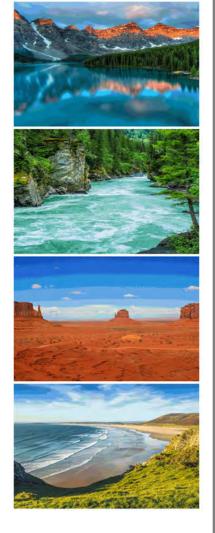
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Phone: Email:	(575) 631-6977 tom@pimaoil.com	Date Logged In:	10/29/24 1	7:15	Logged In By: Noe Soto
Email:					
<u> </u>	· ·	Due Date:	11/05/24 1	7:00 (4 day TAT)	208800 11.27
1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al Sample To 6. Did the Sample C		och the COC sted analyses?	Yes Yes Yes No Yes	Carrier: C	No. of containers and sampled by name is missing on COC by client. Project Cotton
	ample cooler received?		Yes		Draw Unit 135H has been separated into
	vas cooler received in good condition?		Yes		multiple WOs due to high sample volume.
	sample(s) received intact, i.e., not broken?		Yes		WOs are E410362-E410365.
	custody/security seals present?		No		
11. If yes,	were custody/security seals intact?		NA		
	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes		
Sample C	<u>ontainer</u>				
14. Are aq	ueous VOC samples present?		No		
15. Are V	OC samples collected in VOA Vials?		NA		
16. Is the l	head space less than 6-8 mm (pea sized or less)?		NA		
17. Was a	trip blank (TB) included for VOC analyses?		NA		
18. Are no	on-VOC samples collected in the correct containers	?	Yes		
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes		
Sa Da	el Teld sample labels filled out with the minimum info mple ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No		
Sample P	<u>reservation</u>				
21. Does t	he COC or field labels indicate the samples were pr	eserved?	No		
22. Are sa	mple(s) correctly preserved?		NA		
24. Is lab !	filteration required and/or requested for dissolved m	netals?	No		
Multipha	se Sample Matrix				
26. Does t	he sample have more than one phase, i.e., multipha	se?	No		
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA		
28. Are sa	act Laboratory mples required to get sent to a subcontract laborato subcontract laboratory specified by the client and if	•	No NA	Subcontract Lab	o: NA
Client In	<u>struction</u>				

Date

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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
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.



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 4:18:24PM

S31-1' E410364-01

		Reporting					
Analyte	Result	Limit	Dilu	ution	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
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10)	mg/kg ND	mg/kg 20.0		Analyst:	IY 10/31/24	11/03/24	Batch: 2444126
						11/03/24	Batch: 2444126
Gasoline Range Organics (C6-C10)		20.0			10/31/24		Batch: 2444126
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		20.0	70-130		10/31/24 10/31/24	11/03/24	Batch: 2444126
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene		20.0 113 % 92.8 %	70-130 70-130 70-130		10/31/24 10/31/24 10/31/24 10/31/24	11/03/24 11/03/24	Batch: 2444126 Batch: 2444136
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	ND	20.0 113 % 92.8 % 110 %	70-130 70-130 70-130	1	10/31/24 10/31/24 10/31/24 10/31/24	11/03/24 11/03/24	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	20.0 113 % 92.8 % 110 % mg/kg	70-130 70-130 70-130	1	10/31/24 10/31/24 10/31/24 10/31/24 NV	11/03/24 11/03/24 11/03/24	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND mg/kg ND	20.0 113 % 92.8 % 110 % mg/kg 25.0	70-130 70-130 70-130	1	10/31/24 10/31/24 10/31/24 10/31/24 NV 10/31/24	11/03/24 11/03/24 11/03/24 11/04/24	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND mg/kg ND	20.0 113 % 92.8 % 110 % mg/kg 25.0 50.0	70-130 70-130 70-130 50-200	1	10/31/24 10/31/24 10/31/24 10/31/24 NV 10/31/24 10/31/24 10/31/24	11/03/24 11/03/24 11/03/24 11/04/24 11/04/24	



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 4:18:24PM

S31-2'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Γ	Y		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	1	Analyst: Γ	Y		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	1	Analyst: N	IV		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: D)T		Batch: 2445021

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 4:18:24PM

S31-3'

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	10/31/24	11/03/24	
o-Xylene	ND	0.0250	1	l	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	ļ.	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	l	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	Į.	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



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 4:18:24PM

S31-4'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	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	1	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	1	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	1	Analyst:	DT		Batch: 2445021



Pim	a Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
PO	Box 247	Project Number:	01058-0007	Reported:
Plai	ns TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 4:18:24PM

S32-1'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: l	ΙΥ		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	1	Analyst: l	ΙΥ		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	1	Analyst: 1	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: l	DT		Batch: 2445021



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 4:18:24PM

S32-2'

E41	036	4-0	6
LITI	v	T -U	···

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444126
Benzene	ND	0.0250	1	l	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1]	10/31/24	11/04/24	
Toluene	ND	0.0250	1	l	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	l	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	l	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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



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 4:18:24PM

S32-3'

F:41	036	4-07

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444126
Benzene	ND	0.0250	1	l	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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

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 4:18:24PM

S32-4'

		Reporting					
Analyte	Result	Limit	Dilu	ition	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	l	10/31/24	11/04/24	
Toluene	ND	0.0250	1	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	l	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	l	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	l	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	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
						·	

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 4:18:24PM

S33-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	Α	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	Α	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	A	Analyst: DT			Batch: 2445021
imons by Eliteution of the contract of the con							



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

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 4:18:24PM

S33-2' E410364-10

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2444126 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 10/31/24 11/04/24 ND 0.0250 Benzene 1 10/31/24 11/04/24 Ethylbenzene ND 0.0250ND 0.0250 10/31/24 11/04/24 Toluene 1 10/31/24 11/04/24 o-Xylene ND 0.025010/31/24 11/04/24 ND 0.0500 p,m-Xylene 10/31/24 11/04/24 1 Total Xylenes ND 0.0250 11/04/24 10/31/24 Surrogate: Bromofluorobenzene 112 % 70-130 11/04/24 Surrogate: 1,2-Dichloroethane-d4 97.9 % 70-130 10/31/24 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 ND 1 10/31/24 11/04/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 112 % 10/31/24 11/04/24 70-130 97.9 % 10/31/24 11/04/24 Surrogate: 1,2-Dichloroethane-d4 70-130 11/04/24 Surrogate: Toluene-d8 10/31/24 109 % 70-130 mg/kg Analyst: NV Batch: 2444136 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 10/31/24 11/04/24 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 10/31/24 11/04/24 Oil Range Organics (C28-C36) 11/04/24

108 %

mg/kg

20.0

mg/kg

ND

50-200

10/31/24

11/04/24

11/04/24

Analyst: DT

1



Batch: 2445021

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 4:18:24PM

S33-3'

		E410364-11					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	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
		•					•

20.0

11/04/24

11/04/24

ND



Chloride

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 4:18:24PM

S33-4'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444126
Benzene	ND	0.0250	1	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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
					11/04/24	11/04/24	

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 4:18:24PM

S34-1'

		E410364-13					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	I	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	1	Analyst: NV	V		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	1	Analyst: DT	Γ		Batch: 2445021
Chloride	ND	20.0	1		11/04/24	11/04/24	



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 4:18:24PM

S34-2'

		2.1.000.1.					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Allalytt	Kesuit	Lillit	Dii		•	Allalyzed	
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	

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 4:18:24PM

S34-3'

E41	U3	61	14
L41	υJ	04:	-12

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444126
Benzene	ND	0.0250	1	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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
					11/04/24	11/04/24	

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 4:18:24PM

S34-4'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444126
Benzene	ND	0.0250	1	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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

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 4:18:24PM

S35-1'

		Reporting					
Analyte	Result	Limit	Di	lution	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	

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 4:18:24PM

S35-2'

		E410364-18					
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444126
Benzene	ND	0.0250	1	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	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	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	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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

20.0

11/04/24

11/05/24

ND



Chloride

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 4:18:24PM

S35-3'

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444126
Benzene	ND	0.0250	1	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	l	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	l	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	<u> </u>	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	l	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	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
						11/05/24	

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 4:18:24PM

S35-4'

		Reporting					
Analyte	Result	Limit	Di	lution	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	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/2024 4:18:24PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				1	1/6/2024 4:18:24PM
	Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444126-BLK1)							Prepared: 1	0/31/24 Ana	llyzed: 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	0/31/24 Ana	lyzed: 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	0/31/24 Ana	lyzed: 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	
o,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			

0.500

0.539

70-130

108



Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/6/2024 4:18:24PM

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

Blank (2444126-BLK1)					I	Prepared: 1	0/31/24 Ana	alyzed: 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)					I	Prepared: 1	0/31/24 Ana	alyzed: 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)					I	Prepared: 1	0/31/24 Ana	alyzed: 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			



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

Plains TX, 79355-0247		Project Manager	:: Gi	o Gomez					11/6/2024 4:18:24PM
	Nonhal	ogenated Org	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2444136-BLK1)							Prepared: 1	0/31/24 A	nalyzed: 11/04/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	52.7		50.0		105	50-200			
LCS (2444136-BS1)							Prepared: 1	0/31/24 A	nalyzed: 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: 1	0/31/24 A	nalyzed: 11/04/24
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132	7.01	20	
Jurrogate: n-Nonane	57.1		50.0		114	50-200			



Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	Cotton Draw Unit 135 H 01058-0007 Gio Gomez	Reported: 11/6/2024 4:18:24PM
	Analyst: DT		

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445021-BLK1)							Prepared: 1	1/04/24 Anal	yzed: 11/04/24
Chloride	ND	20.0							
LCS (2445021-BS1)							Prepared: 1	1/04/24 Anal	yzed: 11/04/24
Chloride	251	20.0	250		101	90-110			
LCS Dup (2445021-BSD1)							Prepared: 1	1/04/24 Anal	yzed: 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.



Client: Dime Environmental Services Rill To			,	La	b Us	e On	ıly			T.	AT	EPA P	rogram
Client: Pima Environmental Services Project: Cotton Draw Unit 135# Attention: Delta		Lab E 4	WO#		(2)	dol	Number		2D	3D		CWA	SDWA
Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip		ET	105	64	1- A	Analy	58-000 9 sis and Meth	od		<u>.l</u>		 	RCRA
City, State, Zip Hobbs, NM, 88240 Phone:											\$1.40 a		
Phone: 806-782-1151 Email:		8015	8015					ı	1	1	NIAL CO	State UT AZ	TX
Report due by: Percet due by: Percet due by:		by 8		8021	260	97	300.0	Σ	4	1		TOT AZ	
The Date I was I	Lab	DRO/ORO by	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC			Remarks	
Sampled Sampled Matrix Containers Sample ID	Number	l 🖁	8	HE HE	٥٨	Ž	ਰ	┤╬	<u> </u>	↓	 		
12:20 10/28 5 531-1'													
2:23) (531 2'	2												
12:28	3												
12:36 531-4'	4												
12:39 / 532-1'	5												
		1			-	<u>├</u>			#				
12:40 (532-2'	6	-	-	-		_		+	₩	-	 		
12:46 / \ \ \ \ \ \ \ \ \ \	7						 	_	/	-			
12:56 () 532-4'	8				<u> </u>		<u> </u>		\parallel				
12:59	9								Ш				
1:04 533 - 2'	10												
Additional Instructions: Billing #21126428	7	_											
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mis	labelling the samp	le locat	ion,								received on ice the da n 6 °C on subsequent		oled or receive
date or time of collection is considered fraud and may be grounds for legal action. Relipquished by: (Signature) Date 1919 Time Referred by: (Signature) Referred by: (Signature)	Date		Time			1	4			Use O	nly		
		124	_	40		Red	ceived on ice	: ' · · ·	()	N			
Relinquished by Signature) Pate Date Date Time Releifed by: (Signature) Releifed by: (Signature)	10.79	.24	_	3	0_			I	2		13		
Religioushed by: (Signature) Date 10.14.14 Received by: (Signature) Noc	Date 10-30	بير	Time	900)	AN	e town oc	4	. Pr	(.a.)			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							G Temp ^o C_ plastic, ag - an	nher o	lass	/ - VO	<u>ε Αν. 1,1540 - 1550</u> Δ	<u> </u>	



- Dime Environmental Services Bill To		F -		Lal	b Use	Only		·T			TAT		EPA P	rogram
: Pima Environmental Services tt: Cotton Praw Unit 135H Attention: DUNI		lab\ E 4	NO#			ib Nu	ımber .		ID 2	2D 3		andard	CWA	SDWA
t Manager: Gio Gomez Address:		FH	103	,64	ंट	105	8-000 s and M	othod	1		<u> </u>	Palipatanga		RCRA
ess: 5614 N. Lovington Hwy. City, State, Zip Phone:		\vdash			T	lalysis	S and ivi		- Т	$\neg \tau$	<u> </u>	INTERNATION AND AND AND AND AND AND AND AND AND AN		110,00
State, Zip Hobbs. NM. 88240 e: 806-782-1151 Phone: Email:		2	23					1	1				State	
	. 1	‰ ≩	8 6	2	8	و ا	0. 0.	1 1	M	¥		NM CO	UT AZ	TX
: gio@pimaoil.com rt due by: Pima Project # -255-		8	80	ρλ Β	34 82	Metals 6010	Chloride 300.0	\				 X/ 		<u></u>
e Date Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Meta	훙		верос	Верос		<u> </u>	Remarks	
10/28 5 533-3"	110								X					
7 () 333-4'	12													
0 534-1'	13												· - <u>-</u> · - · -	
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19 \ 34-5	15	+-	-		-	-		-		-	-	<u> </u>		
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59 / 535-1'	17			ļ				-	\sqcup		_			
(6)	18			<u> </u>				_	Ц					
49 \	19									·				
56 535-4'	20								1					
itional Instructions: BH 21126428		-												
d sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally n	nislabelling the sam	ole locat	tion,			Sample: packed	s requiring in ice at an	thermal p	above	tion mus O but less	t be receive s than 6 °C	ed on ice the da on subsequent	y they are san days.	pled or receive
or time of collection is considered fraud and may be grounds for legal action. Sampled by: Samp	Date 0		Time		-						e Only			
quished by: (Signature) A rime + Ucrue Date 29/24 Time Properties Proper	orles 10 X	1-14	Time	40	_	Rece	eived or	ice:	Q	D/ N				
Australia Date Date Time 30 Referred by (Signature) Date 10:4.24 Time 30 Referred by (Signature)	10.20	1.24		6	30	T1:	3		<u>T2</u>			T3		
duumed by: (Signature) Date Date Time Received by: (Signature) Date D-29.24 Time Noc	Date (O-3)	ر الار-د	(0	8 σο	5		Temp astic, ag		1				i i	



envirotech Inc.

Printed: 10/30/2024 10:01:57AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24	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)	<i>50</i> ,	
Chain of 1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al Sample T 6. Did the Sample C 7. Was a s	Custody (COC) the sample ID match the COC? the number of samples per sampling site location matching amples dropped off by client or carrier? the COC complete, i.e., signatures, dates/times, requestled samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e., 15 minute hold time, are not included in this disucssicurn Around Time (TAT) COC indicate standard TAT, or Expedited TAT? Cooler ample cooler received?	tch the COC sted analyses?	Yes Yes Yes No Yes Yes	17:00 (4 day TAT) Carrier: <u>C</u>		ent. Project Cotton
	was cooler received in good condition?		Yes		multiple WOs due to h	igh sample volume.
	e sample(s) received intact, i.e., not broken?		Yes		WOs are E410362-E41	•
	custody/security seals present?		No		00 410 2 110002 211	
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample C	Container_					
14. Are ac	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Sa D	tel field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No			
Sample P	reservation					
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
28. Are sa	act Laboratory Imples required to get sent to a subcontract laborato subcontract laboratory specified by the client and in	•	No NA	Subcontract Lab	: NA	
Client In	struction					

Date

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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbac	Project Name:	Cotton Draw Unit 135 H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/07/24 08:24

Soil 10/28/24 10/30/24 Glass Jar, 2 oz.	Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B410365-03A Soil 10/28/24 10/30/24 Glass Jar, 2 oz.	S36-1'	E410365-01A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
36-4' E410365-04A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 37-1' E410365-05A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 37-2' E410365-06A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 37-3' E410365-07A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 37-4' E410365-08A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 38-1' E410365-09A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 38-2' E410365-10A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 38-3' E410365-11A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 39-1' E410365-12A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 39-2' E410365-15A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 39-3' E410365-15A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 40-1' E410365-16A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 40-2'	S36-2'	E410365-02A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
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40-3' E410365-19A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. 40-4' E410365-20A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W1 E410365-21A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W2 E410365-22A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W3 E410365-23A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W4 E410365-24A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A Soil 10/28/24 10/30/24 Glass Jar, 2 oz.	540-1'	E410365-17A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
40-4' E410365-20A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W1 E410365-21A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W2 E410365-22A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W3 E410365-23A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W4 E410365-24A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A Soil 10/28/24 10/30/24 Glass Jar, 2 oz.	540-2'	E410365-18A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
E410365-21A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W2 E410365-22A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W3 E410365-23A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W4 E410365-24A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A Soil 10/28/24 10/30/24 Glass Jar, 2 oz.	540-3'	E410365-19A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
E410365-22A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. E410365-23A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W4 E410365-24A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A Soil 10/28/24 10/30/24 Glass Jar, 2 oz.	540-4'	E410365-20A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
E410365-23A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W4 E410365-24A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A 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.
E410365-24A Soil 10/28/24 10/30/24 Glass Jar, 2 oz. W5 E410365-25A 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.
W5 E410365-25A 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.
	W4	E410365-24A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
W6 E410365-26A 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.

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
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S36-1' E410365-01

		E410303-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	
Surrogate: n-Nonane		115 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S36-2'

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S36-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	Ana	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S36-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: DT		Batch: 2445004
-	ND	20.0	_	11/04/24	11/04/24	



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S37-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	llyst: 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	Ana	lyst: 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	Ana	llyst: DT		Batch: 2445004
Chloride	ND	20.0		11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S37-2'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	_

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S37-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



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S37-4'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



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S38-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: DT		Batch: 2445004
	ND	20.0		11/04/24	11/04/24	



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S38-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



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S38-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



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	11/7/2024 8:24:54AM

S38-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



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	11/7/2024 8:24:54AM

S39-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2445004
<u> </u>	ND	20.0		11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

S39-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	llyst: DT		Batch: 2445004
	ND	20.0		11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S39-3'

		Domontin o				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: BA	<u>-</u>	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	Ar	alyst: 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	Ar	alyst: 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	Ar	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S39-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2444143
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		105 %	50-200	11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

S40-1'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



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	11/7/2024 8:24:54AM

S40-2'

		Danastin a				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: 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	Ar	alyst: 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	Ar	alyst: 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	Ar	alyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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S40-3'

	Reporting									
	Reporting			Reporting						
Result	Limit	Dilutio	n Prepared	Analyzed	Notes					
mg/kg	mg/kg	An	alyst: BA		Batch: 2444127					
ND	0.0250	1	10/31/24	11/04/24						
ND	0.0250	1	10/31/24	11/04/24						
ND	0.0250	1	10/31/24	11/04/24						
ND	0.0250	1	10/31/24	11/04/24						
ND	0.0500	1	10/31/24	11/04/24						
ND	0.0250	1	10/31/24	11/04/24						
	99.6 %	70-130	10/31/24	11/04/24						
mg/kg	mg/kg	An	alyst: BA		Batch: 2444127					
ND	20.0	1	10/31/24	11/04/24						
	88.5 %	70-130	10/31/24	11/04/24						
mg/kg	mg/kg	An	alyst: NV		Batch: 2444140					
ND	25.0	1	10/31/24	11/04/24						
ND	50.0	1	10/31/24	11/04/24						
		50.00 0	10/31/24	11/04/24						
	121 %	50-200	10/31/24	11/04/24						
mg/kg	121 % mg/kg		10/31/24 alyst: DT	11/04/24	Batch: 2445004					
1	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 99.6 % mg/kg mg/kg ND 20.0 88.5 % mg/kg mg/kg ND 25.0	ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 88.5 % 70-130 mg/kg mg/kg An ND 20.0 1 88.5 % 70-130	ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0500 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 88.5 % 70-130 10/31/24 88.5 % 70-130 10/31/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/31/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/31/24	ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0500 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 88.5 % 70-130 10/31/24 11/04/24 88.5 % 70-130 10/31/24 11/04/24 88.5 % 70-130 10/31/24 11/04/24 88.5 % 70-130 10/31/24 11/04/24 88.5 % 70-130 10/31/24 11/04/24					



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	11/7/2024 8:24:54AM

S40-4'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Anal	lyst: DT		Batch: 2445004
Chloride	ND	20.0	1	11/04/24	11/04/24	

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	11/7/2024 8:24:54AM

SW1 E410365-21

		1110000 21				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: IY		Batch: 2444128
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250	1	10/31/24	11/04/24	Batch. 2444120
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	A	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	A	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	A	Analyst: DT		Batch: 2444063
Chloride	ND	20.0	1	10/30/24	10/31/24	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

SW2 E410365-22

		E-10505-22				
Analyte	Result	Reporting Limit	Diluti	ion 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	Batch: 2444120
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	A	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	A	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	A	analyst: DT		Batch: 2444063
Chloride	ND	20.0	1	10/30/24	10/31/24	



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	11/7/2024 8:24:54AM

SW3

		Reporting					
Analyte	Result	Limit	Di	lution	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
	ND	20.0		1	10/30/24	10/31/24	

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	11/7/2024 8:24:54AM

SW4

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: I	Y		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	I	Analyst: I	Y		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	I	Analyst: N	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	1	Analyst: I	DT		Batch: 2444063
Allons by EPA 500.0/9050A							



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	11/7/2024 8:24:54AM

SW5

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	l	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	l	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	l	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



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	11/7/2024 8:24:54AM

SW6 E410365-26

Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
•				Analyst:		111111,200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg					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

20.0

10/30/24

10/31/24

ND



Chloride

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/7/2024 8:24:54AM

Plains TX, 79355-0247		Project Manager:	: Gi	io Gomez				11/	7/2024 8:24:54AM
	V	olatile Organi	c Compo	unds by EI	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444128-BLK1)]	Prepared: 10	0/31/24 Anal	yzed: 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)						1	Prepared: 10	0/31/24 Anal	yzed: 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	0/31/24 Anal	yzed: 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			

0.500

70-130

0.520



Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

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

Plains TX, 79355-0247		Project Number. Project Manager		o Gomez				11/	7/2024 8:24:54AM
		Volatile C	Organics b	y EPA 802	1B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444127-BLK1)						F	Prepared: 1	0/31/24 Anal	yzed: 11/04/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
,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)						P	Prepared: 10	0/31/24 Anal	yzed: 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			
o,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-BSD1)						F	Prepared: 10	0/31/24 Anal	yzed: 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	
-Xylene	4.52	0.0250	5.00		90.5	70-130	10.6	20	
o,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

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

PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		058-0007 o Gomez				11	/7/2024 8:24:54AM	
Volatile Organics by EPA 8021B Analyst: SL										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2444143-BLK1)]	Prepared: 11	1/01/24 Ana	lyzed: 11/01/24	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
o,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	1/01/24 Ana	lyzed: 11/01/24	
Benzene	5.25	0.0250	5.00		105	70-130				
Ethylbenzene	5.13	0.0250	5.00		103	70-130				
oluene	5.22	0.0250	5.00		104	70-130				
-Xylene	5.12	0.0250	5.00		102	70-130				
,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	1/01/24 Ana	lyzed: 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		
oluene	5.24	0.0250	5.00		105	70-130	0.281	20		
-Xylene	5.14	0.0250	5.00		103	70-130	0.298	20		
,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		



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

Plains TX, 79355-0247		Project Number: Project Manager		o Gomez					11/7/2024 8:24:54AM
	Non	halogenated (Organics l	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444127-BLK1)							Prepared: 1	0/31/24	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: 1	0/31/24	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: 1	0/31/24	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			

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 135 HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/7/2024 8:24:54AM

Nonhalogenated	Organics 1	by EPA 8015	SD - GRO
Tionnaiogenateu	O Zames	U y ELLIA UUL.	D - OILO

Anal	

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

Blank (2444128-BLK1)						Prepared: 10	0/31/24 Ana	alyzed: 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 Ana	alyzed: 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 Ana	alyzed: 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			



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

Plains TX, 79355-0247		Project Manager		o Gomez				11/	7/2024 8:24:54AN
	Non	Nonhalogenated Organics by EPA 8015D - GRO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444143-BLK1)							Prepared: 1	1/01/24 Anal	yzed: 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: 1	1/01/24 Anal	yzed: 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: 1	1/01/24 Anal	yzed: 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	sbad Project Name: Cotton Draw Unit		Reported:
PO Box 247	Project Number:	01058-0007	· ·
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

Plains 1 X, /9333-024/		Project Manage	r: Gi	o Gomez					.1///2024 8:24:34AN
	Nonhal	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444140-BLK1)							Prepared: 1	0/31/24 An	alyzed: 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: 1	0/31/24 An	alyzed: 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: 1	0/31/24 An	alyzed: 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

Plains TX, 79355-0247		Project Manager	r: Gi	o Gomez					11/7/2024 8:24:54AM		
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO		Analyst: NV			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %			
Blank (2444141-BLK1)							Prepared: 1	0/31/24	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: 1	0/31/24	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: 1	0/31/24	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 PO Box 247	Project Name: Project Number:	Cotton Draw Unit 135 H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				11	///2024 8:24:54AI
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444148-BLK1)							Prepared: 1	1/01/24 Ana	lyzed: 11/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.1		50.0		112	50-200			
LCS (2444148-BS1)							Prepared: 1	1/01/24 Ana	lyzed: 11/02/24
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Gurrogate: n-Nonane	50.3		50.0		101	50-200			
LCS Dup (2444148-BSD1)							Prepared: 1	1/01/24 Ana	lyzed: 11/02/24
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132	3.72	20	
Gurrogate: n-Nonane	53.2		50.0		106	50-200			



LCS Dup (2444063-BSD1)

Chloride

Prepared: 10/30/24 Analyzed: 10/30/24

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw Unit 135 H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

	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: 1	0/30/24 Anal	yzed: 10/30/24		
Chloride	ND	20.0									
LCS (2444063-BS1)							Prepared: 1	0/30/24 Anal	yzed: 10/30/24		
Chloride	257	20.0	250		103	90-110					

250

20.0

103

90-110

0.0307

257



Chloride

Chloride

LCS Dup (2445004-BSD1)

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Cotton Draw Ur 01058-0007 Gio Gomez	nit 135 H				Reported: 11/7/2024 8:24:54AM
		Anions b	y 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 (2445004-BLK1)							Prepared: 1	1/04/24 A	nalyzed: 11/04/24
Chloride	ND	20.0							
LCS (2445004-BS1)							Prepared: 1	1/04/24 A	nalyzed: 11/04/24

250

250

90-110

90-110

1.17

Prepared: 11/04/24 Analyzed: 11/04/24

101

100

253

250

20.0

20.0

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.



Client: Pima Environmental Services Bill To			:	La	b Us	e Onl	y	16.00			T/		EPA Program	n
illent. Filla Litviloni jental gotvioto (a.e., 1)	ţ	Lab V	VO#			1 dol	lum		1D	2D	3D	Standard	CWA SDV	۷A
Project: (D) Hon () Draw () n; + 135 H Attention: () Address:		Eu	103	65				-0007				X		<u>, </u>
Address: 5614 N. Lovington Hwy.								d Metho	d				RCF	<u>(A</u>
City, State, Zip Hobbs, NM, 88240 Phone:					1	ļ						egar en egmadest	State	
Phone: 806-782-1151		[용]	55			Į				1		NIMI CO	UT AZ TX	\dashv
Email: gio@pimaoil.com Pima Project # -255-/		ا ۾	Š	<u> </u>	8	뭐	300.0	1	Σ	¥			 '' '^ 	\dashv
Report due by:	1.5-	8	8	by 8(у 82	ls 6010	ide 3				ı	~		\dashv
Time Date Sampled Sampled Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals	Chloride		BGDOC	\neg	<u> </u>	 	Remarks	
2:00 10/28 5 536-1'	1								X	1	-			
2-11 (536-2.	<u>a</u>						_		$\perp \downarrow$		-			
2:13 7 536-3'	3								1	$\!$				
2:17 636-41	4								\perp	\coprod	_			
2:21 1 537-1'	5		<u> </u>						<u> </u>	_	-			
2:30 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6						·			\coprod	1			
2:33 1 537-3'	7								1/					
2:38 537-4'	8								\coprod	_	_			
2:41	9				ļ	_				\sqcup	_			
2:56	10									儿		<u> </u>		
Additional Instructions: B# 2/126428	-						-						Ab a consoled or s	orginad
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabellin	ng the samp	ele locat	ion,			Samp	oles rec ed in ic	uiring therm e at an ave te	al prese emp abo	ervation ove 0 b	n must be ut less tha	received on ice the da an 6 °C on subsequent	y they are sampled or re days.	sceived
date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	Insta		Tim			+					Use C			
Relinguished by: (Signature) The Date 29/24 7:00 Relinguished by: (Signature) Time Congalicy	TO X	9.24	77:	140	Ø	Re	ceive	ed on ice	: '	D /				
Refifiquished by (Signature) Refifiquished by (Signature) Redived by: (Signature)	Date 10-74	.24		63	0	<u></u>			. I	2		13		
Relinquished by: (Signature) Date Time Received by: (Signature) 10.79.74 Noc Sature	Date 10-30	<u>س کے در</u>	Tim	800	2			mp ºC_						
Intra Just	Contain	er Tvi	ne: g	- glas:	s. p -	poly/	plast	ic, ag - an	nber	glass	, v - VC)A	nahula af tha abar	
the state of the security are consisted unless other arrangements are made. Hazardous s	samples w	ill be r	eturn	ed to	client	or disp	posed	of at the	client	expe	nse. It	te report for the a	marysis or the abov	ť
Note: Samples are discarded 30 days after results are reported timess office arrangements of the liability of the laboratory with this COC. The liability of the laboratory	y is limited	to the	amo	unt pa	ia ior	011 til	e rep	J1 L.					.	



Project Information
Project: Octron Project Manager: Address: 5614 N.

Chain of Custody

Client: Pima Environmental Services				La	b Us	e Onl	Ÿ		Π		TAT		EPA Pr	ogram
		lah V	WO#			Idb N	lumb	er	1D	2D	3D	Standard	CWA	SDWA
Project: Octob Draw Unit 135 A Attention: Address:		FU	110	365	5	000	58-	E COG				N.		
Address: 5614 N. Lovington Hwy. City, State, Zip								d Metho	d					RCRA
City, State, Zip Hobbs. NM. 88240 Phone:									į.	1	1 1	COMPANY OF THE PARTY SHAPE OF	61-4-	
Phone: 806-782-1151		2	स्	1			- 1	1	l	1	1 1	1114 CO	State	(+ V
	I	86	8	12	မ္မ	ا ہ	8	1	Σ	×	1 1	NMI CO	UT AZ	
Email: gio@pimaoil.com Report due by: Pima Project # [-255-]		<u> </u>	8	88	y 82(6010	e a		1		1 1			
Time Date Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals (Chloride 300.0		ВСВОС	Dogga	\sqcup		Remarks	
3:11 10/28 S S38-3'	H								Ķ		\perp			
3:17 1 538 - 4'	12								11	_	$\downarrow \downarrow$			
3:25 539-1'	13								\coprod		$\downarrow \downarrow$			
3:30 / 539-21	14	_				_			\prod	1				
3:44 \$39-3'	15									_				
3:46 539-41	16					<u> </u>			$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	_				
3:50 540-1'	17					<u> </u>			$\bot\!$					
3:54 540-2'	IB								\parallel	_				
3:54 540-3'	19			_					\bot	_				
4:06 540-41	20				1_				\perp					
Additional Instructions: B#21/26428											t be e	eceived on ice the da	u thou are cam	olad or received
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabel	ling the samp	ole loca	tion,			Samp	oles requ ed in ice	at an avg te	mp abo	ve 0 bu	t less than	6°C on subsequent	days.	act or received
date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	Date		Tim	ρ		+-					Use Or			
Relinquished by: (Signature) Le Me Tome 102924 7:00 References	<u> </u>	1.24		140	<u>00</u>	Re	ceive	d on ice	: (V		···•		•
Rectinquished by: (Signature) Date Date Time Received by (Signafure)	Date 10.1	q. E y	_	63	0	T1			I	2	<u>- 1 1 1 1 1 1 1 1 1 1 </u>	13		
Religious (Signature) Date Time Received by: (Signature) 10.79.24 Time Received by: (Signature)	Date 10-34	224	Tim	දුර				mp ºC_						
Accident VIII	Contain	er Tv	ne: ø	- glas	s. p -	poly/	plasti	c, ag - an	nber g	glass,	<u>v - VOA</u>		-alusis of th	o shows
" and at 20 days ofter cognitive are concreted unless other arrangements are made. Hazardous	s samples w	ill be r	return	ed to	client	or dis	posed a rene	of at the o	client (expen	se. Ine	report for the a	ridiyəis or tr	€ GNUAG
Note: Samples are discarded 30 days after results are reported united of the liability of the laborator samples is applicable only to those samples received by the laboratory with this COC. The liability of the laborator	ry is limited	to the	еатю	unt pa	na ioi	011 111	e repu				•		T	



Chain of Custody

						T	Bill To			:	La	b Us	e Onl	Ÿ		Π		TA	T	EPA P	rogram
Client: Pi	ma En	vironmen	tal Servi	ces CF12C1L		Attention:	eudii		lah i	WO#			Job N	um	er .	1D	2D	3D	Standard	CWA	SDWA
Project:	444	DV MILL	NW UN	it 135 H	3.5	Attention: WAddress:			FY	103	365	; 4	ao	58	0007		T		K		
Project M	anager:	Gio Go	nez			City, State, Zip			' '						d Metho	d					RCRA
<u>Address:</u>	<u>5614 N</u>	l. Loving	ON HWY.		-Na	Phone:							Ť							E .	
City, State	2. ZID F	lobbs, Ni	<u>vi. 0024</u> 0	<u></u>		Email:			ឡ	2		1	. 1				1	1 1		State	
Phone: 8	100-102	naoil.con	n				1 250		8	88	ᇁ		ا ۾ ا	0.0		Σ	1	1	NM CC	UT AZ	TX
Report du		Haon.com			Ì	Pima Project	# 1-255-1		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				1			
Time	Date		No. of					Lab] 흥	<u> </u>	Ϋ́ Ā	C by	tals	orid		BGDOC	ВСВОС	. '		Remarks	
Sampled	Sampled	Matrix	Containers	Sample ID				Number	Ĕ	ğ	1E	8	ž	ð		1 8	18	 			
11.11	101			61,	71			2(12	1				
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4:28				Sur	1		-	રૂપ		1											
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Addition	al Instr	uctions:				On#2	176478				_			-							
						11/4-01	with an intentionally mislaha	lling the came	nie inca	tion			Samp	les rec	uiring therm	al prese	rvation	must be	received on ice the o	lay they are san	pled or received
I, (field sam	pler), atte	st to the valid	ity and authe	enticity of this samp	ole. I ar	n aware that tampering	with or intentionally mislabe	mig me saili	P16 1002				packe	ed in Ic	e at an avg te	mp abo	we 0 bu	it less tha	n 6°C on subsequen	t days.	
			red fraud an	d may be grounds	or lega		Sampled by:	Date .		Tim	e		1					Use C	Only		
Religiquist	N	anature)	ι \ddot{l}	0/29/24	<u>2.</u>		y: (signature) refle Gonzales		92	t	14	∞	_Red	eive	ed on ice	:'	(D)	N			
	red bys/(S	ignature)	g Da	8-29-24 T	ime l	30 Reddived by	r: (Signature)	10.2 G	9.70		16:	<u>30</u>	<u> 11</u>	/- <u>}</u>		. I	2				
Relinquis	`/``		Di		ime		y: (Signature)	Date 10-3	ለ. ኋ ፡	Tim		^	AV/	e T	mp °C_	4					
Inden	/_/	10X60_		2.29 24		7 1.00	- John	Contair	nor Tv	no. a	- glas	s n -	noly/	olast	ic. ag - ar	nber	glass.	v - VO)A	<u> </u>	
Sample Ma	trix: S - So	il, Sd - Solid, S	ig - Sludge, A	- Aqueous, O - Oth	er	-less other arrangem	ents are made. Hazardou	s samples w	vill be	return	ed to	client	or disp	osec	of at the	client	expen	se. Th	e report for the	analysis of t	ne above
Note: Sar	nples are	discarded 3	O days after	r results are repor	rtea ul S lahor	atory with this COC.	The liability of the laborate	ory is limited	d to th	e amo	unt pa	aid for	on the	e rep	ort.						
Isamples i	s applicat	He only to tr	iose sample	23 I GCCIACO DA CIV									_					•)		

Page 370 of 421

Printed: 10/30/2024 10:08:12AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 0	08:00	Work Order II	D: E410365
Phone:	(575) 631-6977	Date Logged In:	10/29/24 1	7:17	Logged In By	Noe Soto
Email:	tom@pimaoil.com	Due Date:	11/05/24 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	No			
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	No			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes		<u>Comm</u>	ents/Resolution
Sample T	<u>urn Around Time (TAT)</u>				21 0	
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers and	•
Sample C	Cooler				missing on COC by o	elient. Project Cotton
7. Was a s	sample cooler received?		Yes		Draw Unit 135H has	been separated into
8. If yes,	was cooler received in good condition?		Yes		multiple WOs due to	high sample volume.
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		WOs are E410362-E4	• •
10. Were	custody/security seals present?		No		WOS are E410302-E	410303.
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes			
Sample C		•				
_	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contai		Yes			
Field Lab	pel					
20. Were	field sample labels filled out with the minimum info	ormation:				
S	ample ID?		Yes			
	ate/Time Collected?		Yes	'		
	ollectors name?		No			
	reservation		3.7			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?	matala?	NA			
	filteration required and/or requested for dissolved r	netais?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborate	•	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA	
Client Ir	<u>istruction</u>					

Date

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

Report to:
Delrae Geller



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit #135H

Work Order: E501104

Job Number: 01058-0007

Received: 1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/17/25

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

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

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

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

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

Date Reported: 1/17/25

Delrae Geller 6488 7 Rivers Hwy Artesia, NM 88210

Workorder: E501104

Project Name: Cotton Draw Unit #135H

Date Received: 1/17/2025 5:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 5:00:00AM, under the Project Name: Cotton Draw Unit #135H.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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CS2 - 0-1 1/2' Comp.	7
CS3 - 0-1 1/2' Comp.	8
CS4 - 0-1 1/2' Comp.	9
CS5 - 0-1 1/2' Comp.	10
CS6 - 0-1 1/2' Comp.	11
CS7 - 0-1 1/2' Comp.	12
CS8 - 0-1 1/2' Comp.	13
CS9 - 0-1 1/2' Comp.	14
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Project Name: Cotton Draw Unit #135H			
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:		
Artesia NM, 88210	Project Manager:	Delrae Geller	01/17/25 15:37		

Client Sample ID	Lab Sample ID	Matrix	Sample	d Received	Container
CS1 - 0-1 1/2' Comp.	E501104-01A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS2 - 0-1 1/2' Comp.	E501104-02A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS3 - 0-1 1/2' Comp.	E501104-03A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS4 - 0-1 1/2' Comp.	E501104-04A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS5 - 0-1 1/2' Comp.	E501104-05A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS6 - 0-1 1/2' Comp.	E501104-06A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS7 - 0-1 1/2' Comp.	E501104-07A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS8 - 0-1 1/2' Comp.	E501104-08A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CS9 - 0-1 1/2' Comp.	E501104-09A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW1 - 0-1 1/2' Comp.	E501104-10A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW2 - 0-1 1/2' Comp.	E501104-11A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW3 - 0-1 1/2' Comp.	E501104-12A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW4 - 0-1 1/2' Comp.	E501104-13A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW5 - 0-1 1/2' Comp.	E501104-14A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW6 - 0-1 1/2' Comp.	E501104-15A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW7 - 0-1 1/2' Comp.	E501104-16A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW8 - 0-1 1/2' Comp.	E501104-17A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW9 - 0-1 1/2' Comp.	E501104-18A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW10 - 0-1 1/2' Comp.	E501104-19A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW11 - 0-1 1/2' Comp.	E501104-20A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW12 - 0-1 1/2' Comp.	E501104-21A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW13 - 0-1 1/2' Comp.	E501104-22A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW14 - 0-1 1/2' Comp.	E501104-23A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW15 - 0-1 1/2' Comp.	E501104-24A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.
CSW16 - 0-1 1/2' Comp.	E501104-25A	Soil	01/15/2	25 01/17/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS1 - 0-1 1/2' Comp.

		1201104 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		104 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: AK		Batch: 2503089
Chloride	88.0	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS2 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		97.3 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2503089
	93.7	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS3 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		98.6 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2503089
Chloride	96.1	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS4 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		98.9 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2503089



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS5 - 0-1 1/2' Comp.

		Reporting					
Analyte	Result	Limit	Diluti	on Prepar	red	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL			Batch: 2503094
Benzene	ND	0.0250	1	01/17/	/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/	/25	01/17/25	
Toluene	ND	0.0250	1	01/17/	/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/	/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/	/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/	/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	01/17/	/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL			Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/	/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	01/17/	/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV			Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/	/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/	/25	01/17/25	
Surrogate: n-Nonane		97.5 %	50-200	01/16/	/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK			Batch: 2503089
Chloride	86.9	20.0	1	01/17/	/25	01/17/25	•



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS6 - 0-1 1/2' Comp.

Reporting								
Result	Limit	Dilution	n Prepared	Analyzed	Notes			
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503094			
ND	0.0250	1	01/17/25	01/17/25				
ND	0.0250	1	01/17/25	01/17/25				
ND	0.0250	1	01/17/25	01/17/25				
ND	0.0250	1	01/17/25	01/17/25				
ND	0.0500	1	01/17/25	01/17/25				
ND	0.0250	1	01/17/25	01/17/25				
	82.4 %	70-130	01/17/25	01/17/25				
mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2503094			
ND	20.0	1	01/17/25	01/17/25				
	94.6 %	70-130	01/17/25	01/17/25				
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503092			
ND	25.0	1	01/16/25	01/17/25				
ND	50.0	1	01/16/25	01/17/25				
	96.9 %	50-200	01/16/25	01/17/25				
mg/kg	mg/kg	Ana	alyst: AK		Batch: 2503089			
	mg/kg ND ND ND ND ND ND ND ND ND N	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 82.4 % mg/kg mg/kg ND 20.0 94.6 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 82.4 % 70-130 mg/kg mg/kg Ana ND 20.0 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0500 1 01/17/25 ND 0.0250 1 01/17/25 mg/kg mg/kg Analyst: SL MD 20.0 1 01/17/25 mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 ND 50.0 1 01/16/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0500 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL 01/17/25 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 01/17/25 ND 25.0 1 01/16/25 01/17/25 01/17/25 ND 50.0 1 01/16/25 01/17/25			



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS7 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		102 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: AK		Batch: 2503089
· · · · · · · · · · · · · · · · · · ·	94.3	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS8 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		99.6 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: AK		Batch: 2503089
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Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CS9 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		98.0 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2503089
Chloride	74.0	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW1 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		97.3 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2503089
Chloride	86.4	20.0	1	01/17/25	01/17/25	•



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW2 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		99.0 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2503089
	99.7	20.0	-	01/17/25	01/17/25	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW3 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		102 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: AK		Batch: 2503089
					01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW4 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		94.1 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2503089
Chloride	95.2	20.0	1	01/17/25	01/17/25	_



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW5 - 0-1 1/2' Comp.

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2503094
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0500	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
	95.2 %	70-130	01/17/25	01/17/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2503094
ND	20.0	1	01/17/25	01/17/25	
	91.4 %	70-130	01/17/25	01/17/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2503092
ND	25.0	1	01/16/25	01/17/25	
ND	50.0	1	01/16/25	01/17/25	
	89.3 %	50-200	01/16/25	01/17/25	
mg/kg	mg/kg	Anal	yst: AK		Batch: 2503089
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 91.4 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 25.2 % 70-130 mg/kg mg/kg Anal ND 20.0 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0500 1 01/17/25 ND 0.0250 1 01/17/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 ND 50.0 1 01/16/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0500 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL 01/17/25 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 01/17/25 ND 25.0 1 01/16/25 01/17/25 01/17/25 ND 50.0 1 01/16/25 01/17/25



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW6 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		99.5 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: AK		Batch: 2503089



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW7 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		103 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2503089



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW8 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		98.9 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: AK		Batch: 2503089
Chloride	91.5	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW9 - 0-1 1/2' Comp.

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0500	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
	94.8 %	70-130	01/17/25	01/17/25	
mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2503094
ND	20.0	1	01/17/25	01/17/25	
	95.9 %	70-130	01/17/25	01/17/25	
mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2503092
ND	25.0	1	01/16/25	01/17/25	
ND	50.0	1	01/16/25	01/17/25	
	99.8 %	50-200	01/16/25	01/17/25	
mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2503089
89.2	20.0	1	01/17/25	01/17/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 0.0250 MB/kg mg/kg MB/kg mg/kg ND 20.0 95.9 % mg/kg ND 25.0 ND 50.0 99.8 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg A ND 20.0 1 Mg/kg mg/kg A ND 25.0 1 ND 50.0 1 Mg/kg mg/kg 50-200 mg/kg mg/kg A	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0500 1 01/17/25 ND 0.0250 1 01/17/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 ND 50.0 1 01/16/25 ND 50.0 1 01/16/25 mg/kg mg/kg Analyst: AK	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0500 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL 01/17/25 mg/kg mg/kg Analyst: SL 01/17/25 ND 20.0 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 01/17/25 ND 25.0 1 01/16/25 01/17/25 01/17/25 ND 50.0 1 01/16/25 01/17/25 ND 50.0 1 01/16/25 01/17/25



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW10 - 0-1 1/2' Comp.

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2503094
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
ND	0.0500	1	01/17/25	01/17/25	
ND	0.0250	1	01/17/25	01/17/25	
	95.0 %	70-130	01/17/25	01/17/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2503094
ND	20.0	1	01/17/25	01/17/25	
	95.4 %	70-130	01/17/25	01/17/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2503092
ND	25.0	1	01/16/25	01/17/25	
ND	50.0	1	01/16/25	01/17/25	
	102 %	50-200	01/16/25	01/17/25	
mg/kg	mg/kg	Analy	yst: AK		Batch: 2503089
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 95.0 % mg/kg mg/kg ND 20.0 95.4 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 25.0 % 70-130 mg/kg mg/kg Analy Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0500 1 01/17/25 ND 0.0250 1 01/17/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 ND 50.0 1 01/16/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0500 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL 01/17/25 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 01/17/25 ND 25.0 1 01/16/25 01/17/25 01/17/25 ND 50.0 1 01/16/25 01/17/25



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW11 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503094
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503094
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2503092
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		106 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: AK		Batch: 2503089
Chloride	88.6	20.0	1	01/17/25	01/17/25	•



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW12 - 0-1 1/2' Comp.

	Reporting					
Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst: SL			Batch: 2503093
ND	0.0250		1	01/17/25	01/17/25	
ND	0.0250		1	01/17/25	01/17/25	
ND	0.0250		1	01/17/25	01/17/25	
ND	0.0250		1	01/17/25	01/17/25	
ND	0.0500		1	01/17/25	01/17/25	
ND	0.0250		1	01/17/25	01/17/25	
	95.1 %	70-130		01/17/25	01/17/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2503093	
ND	20.0		1	01/17/25	01/17/25	
	91.3 %	70-130		01/17/25	01/17/25	
mg/kg	mg/kg	Analyst: NV			Batch: 2503091	
ND	25.0		1	01/16/25	01/17/25	
ND	50.0		1	01/16/25	01/17/25	
				01/16/05	01/17/25	
	95.5 %	50-200		01/16/25	01/1//23	
mg/kg	95.5 % mg/kg		Analyst		01/11//23	Batch: 2503090
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 91.3 % mg/kg ND 25.0	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 0.0250 MD 20.01 91.3 % 70-130 mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 70-130 mg/kg mg/kg Analyst ND 20.0 1 mg/kg mg/kg Analyst mg/kg mg/kg Analyst ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0500 1 01/17/25 ND 0.0250 1 01/17/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 01/17/25 ND 0.0500 1 01/17/25 01/17/25 ND 0.0250 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 01/17/25 mg/kg mg/kg Analyst: SL 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/16/25 01/17/25



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW13 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503091
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		99.7 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2503090
Chloride	98.3	20.0	1	01/17/25	01/17/25	<u> </u>



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW14 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503091
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		106 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2503090
Chloride	97.9	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW15 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503091
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		108 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2503090
Chloride	99.7	20.0	1	01/17/25	01/17/25	



Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

CSW16 - 0-1 1/2' Comp.

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503093
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	01/17/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503091
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		105 %	50-200	01/16/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2503090
Chloride	ND	20.0	1	01/17/25	01/17/25	



Surrogate: 4-Bromochlorobenzene-PID

6.92

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Cotton Draw Unit #135H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 elrae Geller				1	/17/2025 3:37:55PM	
Volatile Organics by EPA 8021B Analyst: SL										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2503093-BLK1)							Prepared: 0	1/16/25 An	alyzed: 01/16/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130				
LCS (2503093-BS1)							Prepared: 0	1/16/25 An	alyzed: 01/17/25	
Benzene	4.85	0.0250	5.00		96.9	70-130				
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130				
Toluene	4.85	0.0250	5.00		97.1	70-130				
o-Xylene	4.79	0.0250	5.00		95.9	70-130				
o,m-Xylene	9.72	0.0500	10.0		97.2	70-130				
Total Xylenes	14.5	0.0250	15.0		96.8	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.01		8.00		87.6	70-130				
LCS Dup (2503093-BSD1)							Prepared: 0	1/16/25 An	alyzed: 01/17/25	
Benzene	4.94	0.0250	5.00		98.8	70-130	1.91	20	-	
Ethylbenzene	4.89	0.0250	5.00		97.7	70-130	2.22	20		
Toluene	4.95	0.0250	5.00		99.0	70-130	1.99	20		
o-Xylene	4.86	0.0250	5.00		97.2	70-130	1.38	20		
p,m-Xylene	9.95	0.0500	10.0		99.5	70-130	2.30	20		
Total Xylenes	14.8	0.0250	15.0		98.7	70-130	2.00	20		

70-130



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 elrae Geller				1	1/17/2025 3:37:55PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503094-BLK1)							Prepared: 0	1/16/25 An	alyzed: 01/16/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.2	70-130			
LCS (2503094-BS1)							Prepared: 0	1/16/25 An	alyzed: 01/16/25
Benzene	4.63	0.0250	5.00		92.6	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130			
Toluene	4.63	0.0250	5.00		92.6	70-130			
o-Xylene	4.56	0.0250	5.00		91.2	70-130			
p,m-Xylene	9.28	0.0500	10.0		92.8	70-130			
Total Xylenes	13.8	0.0250	15.0		92.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.6	70-130			
LCS Dup (2503094-BSD1)							Prepared: 0	1/16/25 An	alyzed: 01/16/25
Benzene	4.60	0.0250	5.00		92.0	70-130	0.667	20	
Ethylbenzene	4.55	0.0250	5.00		90.9	70-130	0.278	20	
Toluene	4.60	0.0250	5.00		92.0	70-130	0.616	20	
o-Xylene	4.54	0.0250	5.00		90.8	70-130	0.402	20	
p,m-Xylene	9.26	0.0500	10.0		92.6	70-130	0.241	20	
Total Xylenes	13.8	0.0250	15.0		92.0	70-130	0.294	20	

70-130



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

Artesia NM, 88210		Project Number Project Manager		.058-0007 elrae Geller					1/17/2025 3:37:55PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503093-BLK1)							Prepared: 0	1/16/25 A	nalyzed: 01/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			
LCS (2503093-BS2)							Prepared: 0	1/16/25 A	nalyzed: 01/17/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			
LCS Dup (2503093-BSD2)							Prepared: 0	1/16/25 A	nalyzed: 01/17/25

8.00

92.4

93.2

70-130

70-130

6.75

20.0

7.46

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

Artesia NM, 88210		Project Manage	r: De	elrae Geller					1/17/2025 3:37:55PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			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 (2503094-BLK1)							Prepared: 0	1/16/25 A	analyzed: 01/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			
LCS (2503094-BS2)							Prepared: 0	1/16/25 A	analyzed: 01/16/25
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0	-	80.3	70-130			-

7.01		0.00	93.2	/0-130		
					Prepared: 0	1/16/25 Analyzed: 01/16/2
40.1	20.0	50.0	80.3	70-130		
7.73		8.00	96.6	70-130		
					Prepared: 0	1/16/25 Analyzed: 01/16/2
43.6	20.0	50.0	87.3	70-130	8.37	20
7.85		8.00	98.1	70-130		
	7.73	40.1 20.0 7.73 43.6 20.0	40.1 20.0 50.0 7.73 8.00 43.6 20.0 50.0	40.1 20.0 50.0 80.3 7.73 8.00 96.6 43.6 20.0 50.0 87.3	40.1 20.0 50.0 80.3 70-130 7.73 8.00 96.6 70-130 43.6 20.0 50.0 87.3 70-130	Prepared: 0.0 40.1 20.0 50.0 80.3 70-130 7.73 8.00 96.6 70-130 Prepared: 0.0 43.6 20.0 50.0 87.3 70-130 8.37

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

Artesia NM, 88210		Project Manage	r: De	elrae Geller					1/17/2025 3:37:55PM
	Nonha	- DRO	/ORO		Analyst: NV				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N .
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503091-BLK1)							Prepared: 0	1/16/25	Analyzed: 01/16/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.0		50.0		106	50-200			
LCS (2503091-BS1)							Prepared: 0	1/16/25	Analyzed: 01/16/25
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			
LCS Dup (2503091-BSD1)							Prepared: 0	1/16/25	Analyzed: 01/16/25
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132	2.03	20	-
Surrogate: n-Nonane	55.5		50.0		111	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Cotton Draw Unit #135H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

Artesia NM, 88210		Project Manage	r: De	elrae Geller					1/17/2025 3:37:55PM	
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2503092-BLK1)							Prepared: 0	1/16/25 A	nalyzed: 01/16/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	52.6		50.0		105	50-200				
LCS (2503092-BS1)							Prepared: 0	1/16/25 A	nalyzed: 01/16/25	
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132				
Surrogate: n-Nonane	55.6		50.0		111	50-200				
LCS Dup (2503092-BSD1)							Prepared: 0	1/16/25 A	nalyzed: 01/16/25	
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132	2.00	20	-	
Surrogate: n-Nonane	54.6		50.0		109	50-200				

Analyte

Analyst: AK

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Cotton Draw Unit #135H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 3:37:55PM

Anions	by	EPA	300	.0/9056A
--------	----	------------	-----	----------

D 1	Reporting	Spike	Source Result	D	Rec	RPD	RPD Limit		
Result mg/kg	Limit mg/kg	Level mg/kg	mg/kg	Rec %	Limits %	%	0/2	Notes	
gg				/0	/0	/0	/0	110103	

Blank (2503089-BLK1)						Prepared: 01	/16/25 An	alyzed: 01/16/25
Chloride	ND	20.0						
LCS (2503089-BS1)						Prepared: 01	/16/25 An	alyzed: 01/16/25
Chloride	255	20.0	250	102	90-110			
LCS Dup (2503089-BSD1)						Prepared: 01	/16/25 An	alyzed: 01/16/25
Chloride	254	20.0	250	102	90-110	0.406	20	



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Cotton Draw Ur 01058-0007	nit #135H				Reported:
Artesia NM, 88210		Project Manager	::	Delrae Geller					1/17/2025 3:37:55PM
		Anions	by EPA	300.0/9056	A				Analyst: JM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2503090-BLK1)							Prepared: 0	1/16/25 Aı	nalyzed: 01/16/25
Chloride	ND	20.0							
LCS (2503090-BS1)							Prepared: 0	1/16/25 Aı	nalyzed: 01/16/25
Chloride	251	20.0	250		101	90-110			
LCS Dup (2503090-BSD1)							Prepared: 0	1/16/25 Aı	nalyzed: 01/16/25

250

20.0

101

90-110

0.659

253

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

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #135H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Delrae Geller	01/17/25 15:37

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.



	Clien	t Inform	ation			Inv	oice Information	n			Lai	b Us	e On	ly				TA	T		T	State	2
lient: Devi	MALE	re194	. David A	The		pany: 0	exon		Lab	WO#	N. I			Vumt			1D	2D	3D	Std	NM	CO UT	TX
Project Name: Project Manag	rer Del	cap fre	ller		City	ess: , State, Zip	:		E	211	104		OLOS	387			X				2		LL.
Address: 661 City, State, Zip	4 Nor	th Loy	ington	Hwy.	Pho						on Chai	Tion of	Ana	lysis	and	Met	hod	gar' i ar e		4		A Progra	
City, State, Zip	Hobb	S. New	Mexico.	88240	_ Emai			T	4												SDWA	CWA	RCRA
hone: (806) mail: De (10	16 6	pina	sil.com	N. C.D.	_ Misce	ellaneous:	1-255-1	1-255-2		5	52									1	Compliance	ce Y	or N
aniano pe rec				wydar far Lagrand Comme					3	by 8015	30 8015	21	Q	0.0	5	×	tals	Pake			PWSID#		LZVL-X
				Samp	le Information	1		b 4		0	DRO F	oy 8021	y 8260	de 30	C- N	- 500	8 Metals	Anion				Ď	
Time Date	Sampled	Matrix	No. of Consulners			Sample ID		Field Fifter Z	umber	DRO/OR	GRO/DRO by	BTEX by	VOC by	Chloride 300.	BGBOC - NM	TCEQ 1005 - TX	RCRA 8	Cation/Anion				Remarks	
11:19 1/1	5 25	5		CSI	- 0-1	1/2'	comp.		1						×								
11:26				CS	2- 0-	12/2	COMP.		2						1								
11:29				C53	0-14	z' cox	mp.		3														
11:35				CS4	-0-12/	2 con	np.		4														
11:39				035	- 0-11/		1P.		5														
([:41				CS6	-0-13	1/z CO	Mp.		6														
11:48				CS7	-0-14	2 Com	10.		٦														·
11:50				C58	-0-14	2 COM	P.		8														
11:54				CS9	-0-13/2	comp).		9														
11:59	1	1		SW	1-0-13	12 CON	17.		10						1								
Additional In					Bill	in9 +	= 2/126	428											******	of the same in the			
I. (field sampler), a Sampled by:	attest to the	validity and	d authenticity	of this sample	e. I am aware that to	ampering with	or intentionally mislab	eling the sample l	eation, c	late or	time of	collec	tion is	consid	ered f	raud ai	nd may	be gro	ounds f	or lega	il action.		
Religiuished by			Date	15/25	5:20 PM	Red ived by:	(Signatule)	Date	125	Time					0.00						st be received temp above O	CASAGE STREET	
Re inquished by	y: (Sianatu	re)	Dat	16/25		Received by	Mignature)	les 1-11	025	Time	30	7			Rec	eived	d on i	ce:	-	b Us	se Only		
Relinquished by	ya (Signatu	ref	n Dat		1520	Lacha	: (Signature	Date	6.25	Tune	167	30			<u>T1</u>				<u>T2</u>		tuone di	T3	***********
Relinguished by	y: (Signatu	re)	Dat 1.	11.23	7230	Received by	(Signature)	Date 	-25	Time	50	D			AVC	i Ten	np °C	L	Į.	to sales			
Sample Matrix: 5	- Soil, Sd - S	iolid, Sg - Sk	idge, A - Aqu	eous, O - Other	ed unless other a	rangements	are made. Hazardou		ner Typ												the analysis	of the she	ve camples
							f the laboratory is lir							J. 61	u		Pens	1116	, cpui	. 101 1	rie maiyala	or the abo	ve adminies



envirotech

	Client	Informa	ation			Invoice Informa	ation			Lal	Us	e On	ly				TA	T		5	tate	
ient: Devo	AN FROM	ed	1.39	or the afficiency of the	Com	npany: Devon		Lab	WO#				Vuml			1D	2D	3D Sto		NM CO	UT	TX
olect Name:	: Cotton	Vrace	unit:	#135H	Add	ress:		- E	501	104		00	58	-00		K						
nlert Manas	ger Del	roe che	clier		City	, State, Zip:								-	10000							
ddress: 5/a	14 North	h Zavin	y tan t	wy,	Pho			-	1 1	1000	1	Ana	lysis	and	Met	hod	3,547,3			EPA Pro		
ty, State, Zip	: Hobbs	s. Dew	Mexico,	88240	Emai	il:		_											SD	WA CW	/A	RCRA
hone: 1806	724 -	5391			_ Misce	il: ellaneous: 1-255-1 1-	700 2								1 3							
mail: Delt	ae opp	imaoi	1.com			1-600-1	255-2		8015	3015			_				pp.		-	pliance	Y	or N
				Canal	e Information	n			à	GRO/DRO by 8015	8021	260	Chloride 300.0	2	X.	RCRA 8 Metals	on Pkg		PVV.	SID #		
Table 1	V-25-1			Sampi			ि स	Lab	DRO/ORO	/DRC	5	VOC by 8260	ride	BGDOC - NM	TCEQ 1005 - TX	500	Cation/Anion			Rem	arks	
Time Date	e Sampled	Matrix	No. of Contelners			Sample ID	Field Filter	lumber	DRO	SRO,	BTEX	VOC	Chlo	BGD(rcea	RCR/	Cation	3.0				
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				KI	MINAT	01126728																
(field sampler),	, attest to the	validity and	authenticity	of this sample.	I am aware that t	ampering with or intentionally m	islabeling the sample	ocation,	date or	time of	collec	tion is	consid	ered f	aud a	nd may	y be gre	ounds for le	gal action	on.		
Sampled by:	-					Λ.						·										
Relinquished b	y: (Signatur	re)	Date	15 25	Time PM	Red wed by: (Sign (tyle)	Date	125	Time											ereived on ice that above 0 but less		
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Kanm	uyy	erry	Date		Time	Received by: (Signature)	Date	6.20	Time	00		1		Rec	eive	on	ice:	(Y)	N			
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Mighe	119 01	1	Cat.	le des	tert.	Wareived by: (Signature)	Date	1.63	Time	V	V	1		<u>T1</u>			-	14		<u>T3</u>	-	
Relinquished b	nquished by: (signature) Date 1.1.3 Time 230 Received by: (Signature) Date			//		1					AVC	6 Ter	np °C	L	4							
Sample Matrix:	S - Soil Sd - S	iolid, Sg - Slu	dge, A - Aque	ous, O - Other		11	Conta	iner Typ	e:g-	glass,	p - p	oly/p	lastic	, ag -	amb	ergla	355, V	- VOA	T			
Semple WattiA.	s are discar	led 14 day	s after resul	ts are reporte	ed unless other a	rrangements are made. Haza	rdous samples will	oe return	ned to	client o	or dis	posed	of at	the cl	ient e	xpens	e. The	report fo	r the a	nalysis of the	above	sample



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Chain of Custody

Client Information		Invoice Informatio	n			La	b Us	e On	У				TA	T	State					
lant. (levon E				Company: Deven		Lab	WO#				lumb			1D	2D	3D Std	NM CO UT		TX
roject Na	ime Cal	on Do	aul Oni	F#135H	Address:		_ E:	5011	04		DIO	58-	a	57	V					
and seed to	anagar. 1	more	(maller	1000	City, State, Zip:		_							-				·		
ddress:	3614 Da	oth Lo	vinator	Hwy.	Phone:			2222		-0.74	Ana	lysis	and	Met	10d	- 4	A dependency		PA Progra	_
tv. State	Zip: +W	165. De	w Mcxil	0.88240	Email:													SDWA	CWA	RCRA
none:	Idress: 56/4 Dorth Lovington thuy. ty, State, Zip: +1005. Dew Mexico, 88240 none: (806) 724-539/ nall: Petrae @pimoi/com			Miscellaneous:	-6 7				3								Comban	ce Y	or N	
mail:	2e roul	apir	moil.a	on	Miscellaneous: 1-265-1 1-26	00-4		3015	8018						vo.	50		Complian PWSID #		101 11
								DRO/ORO by 8015	GRO/DRO by 8015	8021	8260	300.0	S	¥.	RCRA 8 Metals	Cation/Anion Pkg		FWSIDH		
			1	Sample Inf	ormation	ि न	Lab	/ORC	/DRC	by 8	by 8	ride	BGDOC - NM	rc£a 1005 - TX	00	n/A			Remarks	5
Time Sampled	Date Sample	Matrix	No. of Contelners		Sample ID	Field	Numbe	DRO,	GRO,	BTEX by	vocby	Chloride	BGD	TCED	RCR	Sign				
	1/15/10	- 0		Can	2-0-11/21 comp.	1111	21						X							
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:00				CSWI	5-0-1 COM/1.		22	-	1							-		-		
1:11				CSWIL	1-0-11/2 COMP.		23													
:13				CSUNG	5-0-11/2 COMP		24						1			PX	4-			
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	al Instruc				Billing#21/20	0420	3						***************************************						//	
		the validity	and authenticity	of this sample. I am	aware that tampering with or intentionally misla	beling the sump	le location	i, date c	or time	of coll	ection i	s consid	dered	fraud a	and m	ay be g	rounds for le	gal action.		
ampled by		stura)	IDat	e Time	PAA Received by: (Signature)	Date	, ,	Tim	ne		T							must be receive		
Lan	ped by: (Sign	-01 N/	6 11	15 25 5	20 PM Received by: (Signature)	4 11	16/2	5					sam	pled or	receive	d packe		avg temp above	o but less the	an a Con
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lan	The Sign	Warm	e	16/25 1:	07 Mighelle Gonz		162)	130	1	4		Re	ceive	ed or	ice:	Y	N		
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ample Ma	trix: 5 - Soil. S	- Solid, Sg -	Sludge, A - Aqu	eous, O - Other	774	Cor	tainer l	ype: g	- glas	s, p -	poly	plast	ic, ag	3 - am	berg	lass,	v - VOA			
Mater Can	anles are dis	arded 14 d	ave after recu	Its are reported un	ess other arrangements are made. Hazardon this COC. The liability of the laboratory is	ous samples w	ill be reti	urned t	o dier	nt or d	ispose	d of a	t the	client	expe	ise. If	ne report to	or the analys	sis of the al	oove samp



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Page 413 of 421

envirotech Inc.

Printed: 1/17/2025 10:28:32AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/17/25 05	5:00		Work Order ID:	E501104
Phone: Email:	(575) 748-0176 delrae@pimaoil.com	Date Logged In: Due Date:	01/16/25 14	7:00 (0 day TAT)		Logged In By:	Caitlin Mars
Ellian.	denae@pinaon.com	Due Date.	01/11//251	7.00 (0 day 1A1)			
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No	_			
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in					Comment	s/Resolution
Sample 7	i.e, 15 minute hold time, are not included in this disucssion are not included in this disucssion. (Irrn Around Time (TAT)	п.					
	e COC indicate standard TAT, or Expedited TAT?		Yes		No of co	ntainers and sar	mpled by not
Sample (· •		105		provided		1 ,
	sample cooler received?		Yes		provided	on coc.	
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?						
	were custody/security seals intact?		No				
-	•	(0) 000	NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are		Yes				
	minutes of sampling	received w/1 15					
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample (<u>Container</u>						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lal	<u>oel</u>						
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected? follectors name?		Yes				
	Preservation		No				
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved m	etals?	No				
Multinhs	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphas	e?	No				
	, does the COC specify which phase(s) is to be analy		NA				
			1121				
	act Laboratory amples required to get sent to a subcontract laborator	v9	No				
	subcontract laboratory specified by the client and if	-		Subcontract Lab	N A		
		so wilo:	11/1	Subcontract Lac). INA		
Client I	<u>nstruction</u>						

Date

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

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 426835

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	426835
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites							
Incident ID (n#)	nAB1534451906						
Incident Name	NAB1534451906 COTTON DRAW UNIT #135H @ 30-015-38533						
Incident Type	Oil Release						
Incident Status	Remediation Closure Report Received						
Incident Well	[30-015-38533] COTTON DRAW UNIT #135H						

ocation of Release Source							
Please answer all the questions in this group.							
Site Name	COTTON DRAW UNIT #135H						
Date Release Discovered	11/30/2015						
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 fo	r 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: 110 BBL Recovered: 100 BBL Lost: 10 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 426835

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 426835 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury. T
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.
	i ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 01/30/2025

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 426835

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	426835
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
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	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	sociated 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 millig	rams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	171	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	13526	
GRO+DRO (EPA SW-846 Method 8015M)	10062	
BTEX (EPA SW-846 Method 8021B or 8260B)	10.8	
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	01/07/2025	
On what date will (or did) the final sampling or liner inspection occur	01/15/2025	
On what date will (or was) the remediation complete(d)	01/13/2025	
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.		

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 426835

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	426835
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
e appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
Yes	
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
Not answered.	
No	

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

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Title: EHS Professional
Email: jim.raley@dvn.com
Date: 01/30/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 426835

QUESTIONS (continued)

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

QUESTIONS

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

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 426835

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	426835
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	419974
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/15/2025
What was the (estimated) number of samples that were to be gathered	25
What was the sampling surface area in square feet	1800

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1800
What was the total volume (cubic yards) remediated	100
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1800
What was the total volume (in cubic yards) reclaimed	100
Summarize any additional remediation activities not included by answers (above)	This is a standard remediation occuring on pad, to fulfill closure requirements.

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

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

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 01/30/2025

General Information Phone: (505) 629-6116

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

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QUESTIONS, Page 7

Action 426835

QUESTIONS (continued)

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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 426835

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	426835
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved. A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showi	1/31/2025