

# **REMEDIATION WORK PLAN**

Devon Energy
<u>Cotton Draw Unit #153H</u>

Incident ID NAB1911658680 API NO. 30-015-38535

Prepared By: Pima Environmental Services, LLC

Prepared For: Devon Energy Production, LP

DECEMBER 17, 2024 PIMA ENVIRONMENTAL SERVICES, LLC 5614 N Lovington Hwy, Hobbs, NM 88240

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December 17, 2024

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

Bureau of Land Management 620 E Green St. Carlsbad, NM 88220

#### Re: Site Assessment and Remediation Work Plan Cotton Draw Unit #153H API No. 30-015-38535 GPS: Latitude 32.166134 Longitude -103.764013 ULSTR – B-03-25S-31E Eddy County, NM NMOCD Incident ID <u>NAB1911658680</u>

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a site assessment and submit this remediation work plan for a crude oil and produced water release that was initially discovered on August 14, 2018. An initial C-141 form was submitted on April 04, 2019, and approved by the NMOCD on April 26, 2019. This incident was assigned Incident ID NAB1911658680, by the New Mexico Oil Conservation Division (NMOCD). A previous report was submitted by MMX on April 27, 2020 (Application ID: 5194) and included Incident ID: NAB1808251008. This report was denied by NMOCD. Pima was assigned to this project and reassessed the area.

#### Site Information and Site Characterization

The Cotton Draw Unit #153H (CDU) is located approximately nineteen (19) miles southeast of Malaga, NM. This spill site is in Unit B, Section 03, Township 25S, Range 31E, Latitude 32.166134 Longitude -103.764013, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Berino complex, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the CDU (Figure 3). Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer, C-04593-POD1 is a borehole that was drilled March 9, 2022, to a depth of 55 feet below grade surface (BGS) and located 0.22 miles away from this release area. No water bearing soil was encountered during this event. Conversely, as per the United States Geological Survey well water data from USGS320952103444401, the nearest groundwater depth in this region is recorded at 406 feet BGS, located 1.10 miles away from the CDU, with the last gauge conducted in 1998. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Closure criteria for this release area will be according to the 51-100' column of Table 1 19.15.29 NMAC.

	Table 1	NMAC and Closure C	riteria 19.15.29		
Depth to		Cons	tituent & Limits		
Groundwater (Appendix B)	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**

NAB1911658680: On August 14, 2018, a bad valve on the header allowed fluid to flow into the water knockout. The heater was closed due to a leak resulting in release. Lines were isolated. The released fluids were calculated to be approximately 4.97 barrels (bbls) of crude oil, and 5 barrels of produced water. A vacuum truck was called, 3 bbls of oil and 2.5 bbls of produced water were recovered.

#### Site Assessment and Soil Sampling Results

On August 2, 2024, Pima mobilized personnel to the site to begin collecting soil samples with the intention of delineating the release area. Samples were collected from 5 different points within the release area for vertical delineation, and 4 different points around the edges of the release area for horizontal delineation. One background sample was collected from the pasture area just north off the pad. A total of 25 samples were collected, put on ice, jarred, and delivered to the lab for official testing. Reference Figure 4 for a Site Map.

8-2-2024 Sampling Event										
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')										
DEVON ENERGY Cotton Draw Unit #153H										
Date: 8-	2-24		N	V Approv	ed Labor	atory Res	sults			
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	534		
S1	2'	ND	ND	ND	ND	ND	0	181		
51	3'	ND	ND	ND	ND	ND	0	27.9		
	4'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	499		
S2	2'	ND	ND	ND	ND	ND	0	312		
52	3'	ND	ND	ND	ND	ND	0	25.4		
	4'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	366		
S3	2'	ND	ND	ND	ND	ND	0	326		
35	3'	ND	ND	ND	ND	ND	0	ND		
	4'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	483		
S4	2'	ND	ND	ND	ND	ND	0	119		
54	3'	ND	ND	ND	ND	ND	0	22.8		
	4'	ND	ND	ND	ND	ND	0	ND		
	1'	ND	ND	ND	ND	ND	0	457		
S5	2'	ND	ND	ND	ND	ND	0	259		
35	3'	ND	ND	ND	ND	ND	0	ND		
	4'	ND	ND	ND	ND	ND	0	31.4		
SW1	(0-4')	ND	ND	ND	ND	ND	0	ND		
SW2	(0-4')	ND	ND	ND	ND	ND	0	ND		
SW3	(0-4')	ND	ND	ND	ND	ND	0	ND		
SW4	(0-4')	ND	ND	ND	ND	ND	0	ND		
BG1	(0-4')	ND	ND	ND	ND	ND	0	ND		

ND/0- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.



A remediation closure report was submitted to the NMOCD based on the above information and was subsequently denied on August 27, 2024, for the following reasons:

#### Countermeasures Due to Rejection (NMOCD Application ID: 376457)

On August 27, 2024, the NMOCD denied the remediation closure report citing: The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAB1911658680, for the following reasons:

Grab samples do not meet the requirements of 19.15.29.12 D. (1) NMAC or 19.15.29.12 D. (1)(c) NMAC, and OCD does not have record of an approved composite grab sample plan for this release or an approved variance request to use site assessment/delineation sample as closure samples. Pursuant to 19.15.29.12 D. (1) NMAC, the responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table 1 of 10.15.29.12 NMAC or constituents from other remediation standards. Pursuant to 19.15.29.12.D. (1)(b) and (c) NMAC, the responsible party may submit a composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet. The previous application submitted under application ID: 5194, which was subsequently denied, shows a larger area was impacted than what was sampled and submitted in this application. OCD acknowledges that the previous report addressed 2 separate incident numbers, but the individual releases were not identified, and OCD is requesting that both releases be handled simultaneously. Additional delineation and potential remediation must be completed prior to requesting closure for this incident number and NAB1808251008. Be advised that the 7/31/2024 sampling notification was submitted with incorrect information. The sampling event date was entered as 08/02/2104. OCD is requiring an updated C-141N be submitted that reflects the correct sampling date. Future C-141N and/or C-141Ls must include the correct information prior to submittal. Submit a complete report through the OCD permitting website by 10/31/2024.

In response to the closure report rejection, Pima submitted a proposed sampling plan/variance request to NMOCD on December 5, 2024. The Proposed Sampling Map is referenced in Figure 5, and NMOCD correspondence can be found in Appendix C. The sampling plan/variance request was approved contingent upon the following:

Your variance request toward an alternative sampling plan per 19.15.29.12D (1b) NMAC to use individual grab as confirmation samples as long as any of the sample points collected are under the allowable concentrations of the closure standards is approved. Sampling notification still applies for this plan. Reclamation standards will be used once the site has been plugged and abandoned. The following is the request submitted via email on 12/5/2024; We propose to sample the Cotton Draw Unit 153H spill area and collect seven (7) bottom samples from surface, 1', 2', 3' and 4' and eight (8) sidewall samples from surface, 1', 2', 3' and 4'. We will collect three (3) bottom samples from surface, 1', 2', 3' and 4' to determine contamination for L1, L3 and L4 MMX sample points and twelve (12) sidewall samples from surface, 1', 2', 3' and 4'. We are starting with a 200 square foot area per sampling point, should contamination be present, we will return to collect additional samples until the extent of the release is determined. We have an approved work plan on the Cotton Draw Unit 117H Incident NAB18008251008 these areas are highlighted in red and turquoise on the proposed sampling map. If any of the above-mentioned sample points come back over the limits, we will write a remediation work plan to include remediation of these areas with the Cotton Draw Unit #117H and we will remediate these areas at the same time. Should these samples come back under the limits, we are requesting a variance to use these samples as confirmation samples.

After submitting a 48-hour sampling notification (Appendix C), Pima returned to the CDU on December 11, 2024, to collect the samples per the approved proposed sampling plan. Seven (7) bottom samples were collected from surface, 1', 2', 3' and 4' labeled S1-S7. Eight (8) sidewall samples were collected from surface, 1', 2', 3', and 4' labeled SW1-SW8. Three (3) bottom samples were collected from L1, L3 and L4 MMX sample points and twelve (12) sidewall samples were collected from surface, 1', 2', 3' and 4' labeled L1N, L1E, L1S, L1W, L3N, L3E, L3S, L3W, L4N, L4E, L4S, & L4W. All samples were jarred, put on ice, and delivered to Envirotech Analytical Laboratories, Inc for analytical testing. The laboratory results from this sampling event can be found in the following data table.

	12-11-2024 Soil Sample Results NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')										
NM	OCD Table							s 51-100')			
		DI	EVON ENER	GY Cotto	on Draw U	nit #153H					
Sample [ 12-11-20				NM App	oroved Lab	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			
	Surface	ND	ND	ND	59.1	59.1	118.2	94.4			
	1'	ND	ND	ND	3660	1510	5170	466			
S1	2'	ND	ND	ND	95.5	79.2	174.7	383			
	3'	ND	ND	ND	84.9	90.2	175.1	910			
	4'	ND	ND	ND	ND	ND	0	159			
	Surface	ND	ND	ND	76.7	80.3	157	59.6			
	1'	ND	ND	ND	3350	1540	4890	464			
S2	2'	ND	ND	ND	43.1	ND	43.1	154			
	3'	ND	ND	ND	177	132	309	970			
	4'	ND	ND	ND	ND	ND	0	184			
	Surface	ND	ND	ND	58	73.2	131.2	59.9			
	1'	ND	ND	ND	2680	1360	4040	411			
S3	2'	ND	ND	ND	47.3	ND	47.3	176			
	3'	ND	ND	ND	81	55.2	136.2	174			
	4'	ND	ND	ND	ND	ND	0	166			
	Surface	ND	ND	ND	105	97.9	202.9	ND			
	1'	ND	ND	ND	2570	1180	3750	ND			
S4	2'	ND	ND	ND	71.1	89.6	160.7	ND			
	3'	ND	ND	ND	64.4	60.9	125.3	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	50	64.7	114.7	45.4			
	1'	ND	ND	ND	2580	1190	3770	410			
S5	2'	ND	ND	ND	63.1	68.1	131.2	358			
	3'	ND	ND	ND	88	84.7	172.7	1000			
	4'	ND	ND	ND	ND	ND	0	156			
	Surface	ND	ND	ND	49.5	54.7	104.2	60.7			
	1'	ND	ND	ND	3360	1470	4830	458			
S6	2'	ND	ND	ND	ND	ND	0	333			
	3'	0.0252	ND	ND	79.2	108	187.2252	982			
	4'	ND	ND	ND	ND	ND	0	170			
	Surface	ND	ND	ND	124	156	280	64			
	1'	ND	ND	ND	2820	1450	4270	406			
S7	2'	ND	ND	ND	ND	ND	0	356			
	3'	ND	ND	ND	ND	ND	0	938			
	4'	ND	ND	ND	ND	ND	0	161			

#### 12-11-2024 Soil Sample Results



NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') DEVON ENERGY Cotton Draw Unit #153H										
		D	EVON ENER	RGY Cotto	on Draw U	nit #153H					
Sample [	Date:			NM App	proved Lab	oratory R	1				
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg			
	Surface	ND	ND	ND	ND	ND	0	73.8			
	1'	ND	ND	ND	ND	ND	0	432			
SW1	2'	ND	ND	ND	ND	ND	0	387			
	3'	ND	ND	ND	ND	ND	0	939			
	4'	ND	ND	ND	ND	ND	0	168			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
SW2	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
SW3	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	74.5	74.5	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
SW4	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
SW5	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
SW6	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
SW7	2'	ND	ND	ND	ND	ND	0	ND			
	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 #153H           Sample Date:         NM Approved Laboratory Results										
Sample [	Date:			NM App	proved Lab	oratory R					
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
SW8	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
L1	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LN1	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LE1	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LS1	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LW1	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
L3	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	37.3			



NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') DEVON ENERGY Cotton Draw Unit #153H										
		D	EVON ENER	RGY Cotto	on Draw U	nit #153H					
Sample I	Date:			NM App	proved Lab	oratory R					
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LN3	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	28.8			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LE3	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	67.8			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LS3	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	59.9			
	Surface	ND	ND	ND	ND	ND	0	34.4			
	1'	ND	ND	ND	ND	ND	0	ND			
LW3	2'	ND	ND	ND	ND	ND	0	21			
	3'	ND	ND	ND	ND	ND	0	25			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
L4	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LN4	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LE4	2'	ND	ND	ND	ND	ND	0	ND			
	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')										
		D	EVON ENER	GY Cotto	on Draw U	nit #153H					
Sample D	Date:			NM App	proved Lab	oratory R	esults				
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LS4	2'	ND	ND	ND	ND	ND	0	118			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			
	Surface	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
LW4	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			

ND/0- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sampling results, bottom samples S1-S7 came back over the regulatory limits per Table 1 19.15.29.12 NMAC and require further remediation. These areas will be included in the remediation of the Cotton Draw Unit #117H Incident NAB18008251008 and a combined closure report will be submitted for both incidents.

Sidewall Samples SW1-SW8 came back under the regulatory limits and do not require any further remediation. L1, L3, and L4 bottom samples came back under the regulatory limits, and sidewalls samples L1N, L1E, L1S, L1W, L3N, L3E, L3S, L3W, L4N, L4E, L4S, & L4W came back under the regulatory limits and do not require further remediation. These sample results will be used as confirmation samples per the approved variance.

#### **Remediation Work Plan**

On behalf of Devon Energy, Pima proposes to remediate necessary areas by the following method:

- 1. Submit a one-call through the NM811 system.
- 2. The estimated volume of soil to be remediated from S1-S7 is based on an 856 square foot area at an average depth of 1 ½' bgs, totaling approximately 48 cubic yards.
- 3. We propose to excavate the affected area using mechanical and hand equipment until sample results are verified to be under the regulatory limits per the 51-100' depth to groundwater requirement in Table 1 19.15.29.12 NMAC. All contaminated soil will be disposed of at an NMOCD-approved facility. A Proposed Excavation Map can be found in Figure 6.
- 4. After Devon submits a 48-hour sampling notification, we will collect 5-point composite samples from the excavated areas. These sample points will consist of base samples from the excavated areas, and sidewall samples from the walls of each excavation. Confirmation samples will be composite samples representing no more than 200 square feet.



- Upon final receipt of lab reports showing contamination levels are under the regulatory limits of Table 1 NMAC 19.15.29, the excavation will be backfilled with clean, like material, and a remediation closure report will be drafted and submitted to the NMOCD portal for review and approval.
- 6. Work will commence within 30 days of approval of this work plan by NMOCD and will be completed within 30 days after the start of construction.

Should you have any questions or need additional information, please feel free to contact: Devon Energy Production – Jim Raley at 575-689-7597 or <u>jim.raley@dvn.com</u>. Pima Environmental – DelRae Geller at 806-724-5391 or <u>delrae@pimaoil.com</u>.

Respectfully,

DelRae Geller

DelRae Geller Project Manager Pima Environmental Services, LLC.

#### **Attachments**

Figures:

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

Appendices:

- Appendix A Referenced Water Surveys
- Appendix B Soil Survey and Geological Data
- Appendix C 48-Hour Sampling Notification & NMOCD Correspondence
- Appendix D Photographic Documentation
- Appendix E Laboratory Reports



## Figures:

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

## Received by OCD: 12/20/2024 7:54:52 AM Cotton Draw Unit #153H

(31)

Malaga

285

Loving

Devon Energy API: 30-015-38535 Eddy County, NM Location Map

Livingston Wheeler

Avalon

LegendPage 12 of 362\$ 19 Miles SE of Malaga, NMCotton Draw Unit #153H

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128)

Cotton Draw Unit #153H 🥇

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31)

Google Earth Released to Imaging: 3/13/2025 1:47:01 PM



### Received by OCD: 12/20/2024 7:54:52 AM Cotton Draw Unit #153H

Devon Energy API: 30-015-38535 Eddy County, NM Karst Map



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Cotton Draw Unit #153H

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## Cotton Draw Unit #153H

Devon Enegry API #30-015-38535 Eddy County, NM NAB1911658680 Site Map

- Legend
- BG1

SW4

O SW2

SW3 O<sub>S5</sub> O<sub>S3</sub> O<sub>S1</sub> O S4 O<sub>S2</sub> O Horizontal Delineation Samples

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- Spill Area 856 sq ft
- Vertical Samples

Google Earth

Devon Energy

API# 30-015-38535 Eddy County, NM

Proposed Sampling Map

Cotton Draw Unit #153H

LVX

SW4 0

0 81

SW2

SW3 O

Released to Imaging: 3/13/2025 1:47:01 PM

Google Earth

9\_N1

91

9.81

SW5 O

S3 0

SZ

L20

SW1

Ξ1

S4 0

o SW3 S5

QLN3

9.83

0 L3 QE3

### Legend

Q.NA

9.84

9 P

**C**\$6

0 S5

45

CSW4

SW6

**G**S7

SW5

4

200 sq ft each- 600 sq ft Total

- Bottom Sample Points 0'-4'
- Cotton Draw Unit 117H Excavation Area

Page 16 of 362

- Cotton Draw Unit 117H Spill Area
- Cotton Draw Unit 153 Spill Area
- MMX Sample Point Locations 0'-4'
- Sidewall Sample Points 0'-4'

96

SW3 0

**e**s1

**G**S2

**9**33

**e**s4

AN

Devon Energy AP# 30-015-28535 Eddy County, NM Proposed Excavation Map







## Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

Wetlands Map

Fema Flood Map



## New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD replaced, O=orphan C=the file closed)	ned, e is							/ 2=NE est to la	E 3=SW 4=SI argest) (N	E) IAD83 UTM in r	neters)	(In	feet)	
		POD Sub-		0	Q	0								u	ater
POD Number	Code		County				Sec	Tws	Rng	X	Y	DistanceDe	othWellDep		
<u>C 04593 POD1</u>		CUB	ED	3	4	4	34	24S	31E	616903	3559674 🥑	377	55		
<u>C 02574</u>		CUB	ED	1	1	2	02	25S	31E	618092	3559494* 🌍	1544			
<u>C 04632 POD1</u>		CUB	ED	1	2	2	10	25S	31E	616802	3557964 🌍	1598	55		
<u>C 02571</u>		CUB	ED	4	1	2	02	25S	31E	618292	3559294* 🌍	1761	860		
<u>C 04633 POD1</u>		CUB	ED	2	1	1	35	24S	31E	617394	3561170 🌍	1834			
<u>C 02573</u>		CUB	ED	1	4	2	02	25S	31E	618499	3559091* 🌍	2002			
<u>C 02572</u>		CUB	ED	4	2	2	02	25S	31E	618695	3559294* 🌍	2160	852		
<u>C 02569</u>		CUB	ED	4	4	2	02	25S	31E	618699	3558891* 🌍	2247	1016		
<u>C 03830 POD1</u>		CUB	ED	4	2	4	02	25S	31E	618632	3558432 🌍	2361	450		
<u>C 04479 POD1</u>		CUB	ED	2	1	1	04	25S	31E	614182	3559400 🌍	2370	0	0	0
<u>C 02570</u>		CUB	ED	4	2	4	02	25S	31E	618704	3558489* 🌍	2399	895		
<u>C 02568</u>		CUB	ED	4	3	1	01	25S	31E	619103	3558892* 🌍	2636	1025		
											Avera	ge Depth to Wat	er:	0 fee	t
												Minimum De	pth:	0 fee	t
												Maximum De	oth:	0 fee	t
Record Count: 12															
UTMNAD83 Radius	s Search (in	<u>meters):</u>													
Easting (X): 616	6548.46		North	ing	(Y)	:	3559	542.69	)		<b>Radius:</b> 3000				

#### \*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.

6/6/24 9:12 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer **Point of Diversion Summary**

		(quarters are 1=NW 2=) (quarters are smallest		(NAD83 UTM in meters)		
	DD Number	Q64 Q16 Q4 Sec	8	X Y		
NA C	04593 POD1	3 4 4 34	24S 31E	616903 3559674	2	
Driller License:	: 1249	Driller Company:	ATKINS EN	IGINEERING ASSOC. I	NC.	
Driller Name:	JACKIE ATKINS					
Drill Start Date	e: 03/09/2022	<b>Drill Finish Date:</b>	03/10/202	2 Plug Date:	03/15/2022	
Log File Date:	04/04/2022	PCW Rcv Date:		Source:		
Pump Type:		Pipe Discharge Size	:	Estimated Yield	l:	
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.

11/30/23 4:10 PM

POINT OF DIVERSION SUMMARY



# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NO	OSE POD NO. POD 1 (TW		.)		WELL TAG ID NO	<b>)</b> .		OSE FILE NO( C-4593	S).			
DCATI	WELL OWNER Devon Ener							PHONE (OPTIC 575-748-183				
VELL L	WELL OWNER 6488 7 Rive		ADDRESS					CITY Artesia		STATE NM	88210	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION	Lark	TITUDE	GREES 32	MINUTES 10	SECON 2.9	7 <sub>N</sub>	1.01.01.01.01.01	REQUIRED: ONE TEN	TH OF A S	ECOND	
NER	(FROM GPS	LOI	NGITUDE	103	45	36.4	8 W	- DATOM KEA	QUIRED: WUS 84			
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	LICENSE NO. 1249	)	NAME OF LICENSED		Jackie D. Atkin	s			NAME OF WELL DE Atkins En		OMPANY Associates, I	nc.
	DRILLING ST. 03/09/2		DRILLING ENDED 03/10/2022		OMPLETED WELL () orary well casin			LE DEPTH (FT) ±55	DEPTH WATER FIR	ST ENCOU		
z	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HO	LE 🗌 SHALLO	OW (UNCO	NFINED)		WATER LEVEL PLETED WELL	lry 1	DATE STATIC 03/10/22,	
OL	DRILLING FL	JID:	AIR	MUD	ADDITT	VES - SPEC	IFY:					
RMAT	DRILLING ME	-	ROTARY HAMN	-	BLE TOOL 7 OT			Hollow Stem	Auger CHECK	CHERE IF	PITLESS ADA	
NFC	DEPTH (	feet bgl)	BORE HOLE	CASING	MATERIAL AN	D/OR		ania	CASING	CLOT	NOWALL	aren
2. DRILLING & CASING INFORMATION	FROM	то	DIAM (inches)	GRADE (include each casing string, and		CON	ASING NECTION TYPE ling diameter)	INSIDE DIAM. (inches)	THI	NG WALL CKNESS nches)	SLOT SIZE (inches)	
G & CA	0	55	±6.5		Boring	-/	(aud coup		-		-	-
ILLING			-									
2. DRI		_								_		
	DEPTH (	feet bgl)	BORE HOLE	L	IST ANNULAR S	SEAL MA	TERIAL	AND	AMOUNT		METHO	DOF
ERIAL	FROM	то	DIAM. (inches)	GRA	AVEL PACK SIZI	E-RANGE	BY INTI	ERVAL	(cubic feet)	-	PLACEN	<b>MENT</b>
3. ANNULAR MATERIAL			_							-		
NULA									USE OF	PR 4	2022 pm21	14
3. ANI												
		_										
	OSE INTERN	AL USE							0 WELL RECORD	& LOG	Version 01/2	8/2022)
-	3 NO. (	45	93		POD N	0.		TRN	NO. 718	73	)	
LOC	ATION 2	45	SIF. 3	4 2	344			WELL TAG I	DNO.		PAGE	1 OF 2

	DEPTH (	feet bgl)	THICKNESS	COLOR A	ND TYPE OF MATE	ERIAL EN	COUNTERED -		WAT		ESTIMATED YIELD FOR
	FROM	то	(feet)	New Taylor I Carlow 1678 day	ER-BEARING CAV		R FRACTURE ZONI scribe all units)	ES	BEAR (YES		WATER- BEARING ZONES (gpm)
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14	24	55	31	Sand, medi	um/ fine grained, poo	rly grade	d, Reddish Brown		Y	√ N	1
									Y	N	
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T									Y	N	
4. HYDROGEOLOGIC LOG OF WELL									Y	N	2
OF									Y	N	
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HXD	1	1.1							Y	N	1
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11	S	1							Y	N	1
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1	-								Y	N	
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	METHOD U	SED TO E	STIMATE YIELD	OF WATER-BEARIN	IG STRATA:			TOTA	L ESTIN	ATED	
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5. T	Shane Eldri							britee			ant biobiobio.
SIGNATURE	CORRECT	RECORD C	OF THE ABOVE I	FIES THAT, TO THE DESCRIBED HOLE A 10 DAYS AFTER CON	ND THAT HE OR S	HE WILI	FILE THIS WELL		D WITH		
6. SI		SIGNAT	TURE OF DRIFT	R / PRINT SIGNEE						DATE	
		bioint.						_		21110	
	R OSE INTER	NAL USE	2		1			ELL REC	ORD &	LOG (Ve	rsion 01/28/2022)
	ENO.	450	210 0	the at t	POD NO.		TRN NO.	+	181	30	
LO	CATION	AS	· 511- 3	4 344	-		WELL TAG ID NO	-			PAGE 2 OF 2

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

#### STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 719171 File Nbr: C 04595 Well File Nbr: C 04595 POD1

Apr. 05, 2022

DALE WOODALL DEVON ENERGY 6488 7 RIVERS HWY ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 02/16/2022.

The Well Record was received in this office on 04/04/2022, stating that it had been completed on 03/09/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/16/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Azucena Ramirez (575) 622-6521

drywell

## **OSE POD Location Map**







0

Active

OSE District Boundary Water Right Regulations

Subsurface Estate

New Mexico State Trust Lands

0 Pending Artesian Planning Area Released to Imaging: 3/13/2025 1:47:01 PM



Online web user This is an unofficial map from the OSE's online application.



USGS Home Contact USGS Search USGS

## **National Water Information System: Web Interface**

USGS Water Resources			
	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 realtime water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for the Nation

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

## Search Results -- 1 sites found

site\_no list =

• 320952103444401

## Minimum number of levels = 1

Save file of selected sites to local disk for future upload

## USGS 320952103444401 25S.31E.02.214411

Available data for this site Groundwater: Field measurements V GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°09'50.0", Longitude 103°44'41.2" NAD83

Land-surface elevation 3,468.0 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

### **Output formats**

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



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

Questions or Comments Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

#### U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

USA.gov

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-06-06 09:30:45 EDT 0.57 0.5 nadww01





**National Water Information System: Mapper** 



Released to Imaging: 3/13/2025 1:47:01 PM



## Wetlands Map



### June 6, 2024

#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
  - **Freshwater Pond**

Freshwater Emergent Wetland

Lake Other Riverine

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

Released to Imaging: 3/13/2025 1:47:01 PM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper

## Received by OCD: 12/20/2024 7:54:52 AM National Flood Hazard Layer FIRMette



## Legend

regulatory purposes.

#### Page 30 of 362



Released to Imaging: 3/13/2025 P.97:01 PM 1,500

2,000

Basemap Imagery Source: USGS National Map 2023

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## Appendix B

Soil Survey Soil Map Geologic Unit Map

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

## Eddy Area, New Mexico

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

#### Map Unit Setting

National map unit symbol: 1w43 Elevation: 2,000 to 5,700 feet Mean annual precipitation: 5 to 15 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 260 days Farmland classification: Not prime farmland

#### **Map Unit Composition**

Berino and similar soils: 60 percent Pajarito and similar soils: 25 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

#### **Description of Berino**

#### Setting

Landform: Plains, fan piedmonts Landform position (three-dimensional): Riser Down-slope shape: Convex Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

#### **Typical profile**

H1 - 0 to 17 inches: fine sand H2 - 17 to 58 inches: sandy clay loam H3 - 58 to 60 inches: loamy sand

#### **Properties and qualities**

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified

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**

#### 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

#### Pajarito

Percent of map unit: 4 percent



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

*Ecological site:* R070BD003NM - Loamy Sand *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 19, Sep 7, 2023





USDA Natural Resources Conservation Service Released to Imaging: 3/13/2025 1:47:01 PM Web Soil Survey National Cooperative Soil Survey 6/6/2024 Page 1 of 3


# Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
ВВ	Berino complex, 0 to 3 percent slopes, eroded	5.6	100.0%
Totals for Area of Interest		5.6	100.0%



#### Legend

- Eolian and piedmont deposits
- Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region

ALL P

Piedmont alluvial deposits



Page 38 of 362

Devon Enegry API #30-015-38535 Eddy County, NM NAB1911658680 Geological Unit Map

88256

Cotton Draw Unit #153H •





# Appendix C

48-Hour Sampling Notification

NMOCD Correspondence

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

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Action 409704

QUESTIONS

C	Operator:	OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
	333 West Sheridan Ave.	Action Number:
	Oklahoma City, OK 73102	409704
		Action Type:
		[NOTIEY] Notification Of Sampling (C-141N)

#### QUESTIONS

Location of Release Source

Prerequisites	
Incident ID (n#)	nAB1911658680
Incident Name	NAB1911658680 COTTON DRAW UNIT #153H @ 30-015-38535
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-38535] COTTON DRAW UNIT #153H

Site Name	COTTON DRAW UNIT #153H
Date Release Discovered	08/14/2018
Surface Owner	Federal

# Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 1,456 What is the estimated number of samples that will be gathered 150 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 12/11/2024 Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Andrew Franco (806) 200-0054 Please provide any information necessary for navigation to sampling site 32.166134, -103.764013

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

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	409704	
	Action Type:	
	[NOTIFY] Notification Of Sampling (C-141N)	

CONDITI	ONS	
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.	12/9/2024

Action 409704



Delrae Pima Oil <delrae@pimaoil.com>

#### Variance Request Cotton Draw Unit #153H-NAB1911658680

12 messages

**Delrae Pima Oil** <delrae@pimaoil.com> To: ocd.enviro@emnrd.nm.gov, "Raley, Jim" <jim.raley@dvn.com>

Tue, Nov 26, 2024 at 9:59 AM

Good morning,

I am requesting a variance on behalf of Devon Energy on the Cotton Draw Unit #153H Incident NAB1911658680. NMOCD rejected a submitted closure report on August 24, 2024 (Application ID: 376457), stating that the 7/31/2024 (Application ID: 368913) sampling notification was submitted with the incorrect information. The sampling event date was entered as 08/02/2104 instead of 08/02/2024. OCD is requiring an updated C-141N be submitted that reflects the correct sampling date. It would be greatly appreciated if NMOCD would consider granting a variance for this mistake to avoid having to collect the samples again. Thank you for your time and consideration.

Sincerely,

DelRae Geller Project Manager Cell: 806-724-5391 Office: 575-964-7700



Pima Environmental Services, LLC. 5614 N Lovington Hwy. Hobbs, NM 88240

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> To: Delrae Pima Oil <delrae@pimaoil.com> Tue, Nov 26, 2024 at 2:30 PM

Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Wells, Shelly, EMNRD" <Shelly.Wells@emnrd.nm.gov>, "Raley, Jim" <Jim.Raley@dvn.com>, "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>

DelRae,

The reasons of rejection for application ID 376457 were:

1. OCD will not accept delineation samples as closure samples as they do not meet the requirements of 19.15.29.12 D. (1) NMAC which outlines the closure requirements. The samples that were submitted in the closure report were not five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples also were not composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet, which can be performed without division approval. OCD did not find a division approved composite and grab sample plan that deviated from the requirements of 19.15.29 NMAC.

2. A previous report (submitted under application ID 5194) shows a larger area was impacted than what was sampled in the report submitted under application ID 376457 (see below). Additional sampling in the areas identified in application 5194 that are above the closure criteria must be collected and the contamination must be remediated.



3. The rejection regarding the sampling notification was meant to draw your attention to the fact that all future C-141Ns and/or C-141Ls must include the correct information prior to submittal. The OCD requires the C-141N be resubmitted with correct information prior to submitting your report (at this time you can backdate a sampling date).

OCD will not approve the variance as additional remediation is warranted at the site and the samples submitted in application ID 376457 will not be accepted as closure samples as mentioned above.

For all future variance requests, please ensure that the request is compliant with 19.15.29.14 NMAC. Additionally, OCD will not approve variance requests that are requested after the due date has passed unless there are extenuating circumstances. A report was due for this incident on October 31, 2024.

Please let m know if you have any questions or require any clarification.

Thank you,

Brittany Hall • Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.517.5333 | Brittany.Hall@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd/

<u>Effective 12/1/2024</u>: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocdannouncements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

From: Delrae Pima Oil <delrae@pimaoil.com> Sent: Tuesday, November 26, 2024 10:00 AM To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Raley, Jim <jim.raley@dvn.com> Subject: [EXTERNAL] Variance Request Cotton Draw Unit #153H-NAB1911658680

You don't often get email from delrae@pimaoil.com. Learn why this is important

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

[Quoted text hidden]

**Delrae Pima Oil** <delrae@pimaoil.com> To: Tom Pima Pima Oil <tom@pimaoil.com>

[Quoted text hidden]

**Delrae Pima Oil** <delrae@pimaoil.com> To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, "Raley, Jim" <jim.raley@dvn.com>

Thank you for your response. I have some additional questions in regards to how to proceed. I called and received your voicemail earlier this morning. When you get a chance, could you please give me a call?

[Quoted text hidden] [Quoted text hidden]

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> To: Delrae Pima Oil <delrae@pimaoil.com> Cc: "Raley, Jim" <jim.raley@dvn.com>

Good morning,

Mon, Dec 2, 2024 at 7:46 AM

Wed, Nov 27, 2024 at 9:25 AM

I am available today after 10 AM (MT). Please give me a call at your convenience.

[Quoted text hidden]

**Delrae Pima Oil** <delrae@pimaoil.com> To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov> Cc: "Raley, Jim" <jim.raley@dvn.com>

Okay, I sure will. Please see the attached map that I'd like your feedback on.

Thank you, [Quoted text hidden] [Quoted text hidden]

CDU #153 and #117 Comparison Map.pdf 2648K

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> To: Delrae Pima Oil <delrae@pimaoil.com> Cc: "Raley, Jim" <jim.raley@dvn.com>

DelRae,

I just tried to return your call regarding this incident.

Please give me a call back when you can.

[Quoted text hidden]

**Delrae Pima Oil** <delrae@pimaoil.com> To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov> Cc: "Raley, Jim" <jim.raley@dvn.com>

Brittany,

Per our conversation, I will get a sampling map put together including the sample points MMX had on their closure report for your review and approval.

Thank you,

[Quoted text hidden] [Quoted text hidden]

**Delrae Pima Oil** <delrae@pimaoil.com> To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov> Cc: "Raley, Jim" <jim.raley@dvn.com>

Good morning,

**Released to Imaging: 3/13/2025 1:47:01 PM** 

Attached is the sampling map we discussed for the Cotton Draw Unit #153H Incident NAB1911658680.

We propose to sample the Cotton Draw Unit 153H spill area and collect seven (7) bottom samples from surface, 1', 2', 3' and 4' and eight (8) sidewall samples from surface, 1', 2', 3', and 4'.

Tue, Dec 3, 2024 at 10:37 AM

Tue, Dec 3, 2024 at 11:23 AM

Mon, Dec 2, 2024 at 9:32 AM

Thu, Dec 5, 2024 at 7:45 AM

We will collect three (3) bottom samples from surface, 1', 2', 3' and 4' to determine contamination for L1, L3 and L4 MMX sample points and twelve (12) sidewall samples from surface 1', 2', 3' and 4'. We are starting with a 200 square foot area per sample point, should contamination be present, we will return to collect additional samples until the extent of the release is determined.

We have an approved work plan on the Cotton Draw Unit 117H Incident NAB18008251008 these areas are highlighted in red and turquoise on the proposed sample map. If any of the above mentioned sample points come back over the limits, we will write a remediation work plan to include remediation of these areas with the Cotton Draw Unit 117H and will remediate all areas at the same time. Should these samples come back under the limits, we are requesting a variance to use these samples as confirmation samples.

I appreciate your consideration and your time regarding this matter.

Thank you,

[Quoted text hidden] [Quoted text hidden]



 Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
 Thu, Dec 5, 2024 at 11:54 AM

 To: Delrae Pima Oil <delrae@pimaoil.com>
 Cc: "Raley, Jim" <jim.raley@dvn.com>, "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>

Delrae,

I have forwarded this sampling plan to Nelson Velez (cc'ed on this email as well) for review.

I am currently unable to review it in a timely manner and have asked Nelson for assistance. I will give him some background information regarding our telephone conversation, so he is in the loop.

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Thu, Dec 5, 2024 at 12:15 PM To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov> Cc: "Raley, Jim" <jim.raley@dvn.com>, "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>

Thank you, Brittany. I appreciate all your help in this matter.

[Quoted text hidden] [Quoted text hidden]

Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov> Thu, Dec 5, 2024 at 2:46 PM To: Delrae Pima Oil <delrae@pimaoil.com>, "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov> Cc: "Raley, Jim" <jim.raley@dvn.com>

Good afternoon Delrae,

Your variance request toward an alternative sampling plan per 19.15.29.12D (1b) NMAC as written below to use individual grab as confirmation samples as long as any of the sample points collected are under the allowable concentrations of the closure standards is approved. Sampling notification still applies for this plan. Reclamation standards will be used once the site has been plugged and abandoned.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.nm.gov/ocd\_



From: Delrae Pima Oil <delrae@pimaoil.com>
Sent: Thursday, December 5, 2024 12:15 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dvn.com>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Variance Request Cotton Draw Unit #153H-NAB1911658680

[Quoted text hidden]



# Appendix D

Photographic Documentation



#### SITE PHOTOGRAPHS DEVON ENERGY COTTON DRAW UNIT #153H

Site Assessment











# Appendix E

Laboratory Reports



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 153H

Work Order: E408037

Job Number: 01058-0007

Received: 8/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/12/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 8/12/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E408037 Date Received: 8/6/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/6/2024 6:00:00AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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#### Sample Summary

		Sample Summary					
Pima Environmental Services-Carlsbad		Project Name:	Cotton Draw Unit	153H	Reported:		
PO Box 247		Project Number:	01058-0007		ľ		
Plains TX, 79355-0247		Project Manager:	Gio Gomez		08/12/24 14:21		
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
1 - 1'	E408037-01A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
1 - 2'	E408037-02A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
1 - 3'	E408037-03A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
1 - 4'	E408037-04A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
2 - 1'	E408037-05A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
2 - 2'	E408037-06A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
2 - 3'	E408037-07A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
2 - 4'	E408037-08A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
3 - 1'	E408037-09A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
3 - 2'	E408037-10A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
3 - 3'	E408037-11A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
3 - 4'	E408037-12A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
4 - 1'	E408037-13A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
4 - 2'	E408037-14A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
4 - 3'	E408037-15A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
4 - 4'	E408037-16A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
5 - 1'	E408037-17A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
5 - 2'	E408037-18A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
5 - 3'	E408037-19A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
5 - 4'	E408037-20A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
W1	E408037-21A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
W2	E408037-22A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
W3	E408037-23A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
W4	E408037-24A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		
G1	E408037-25A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.		



		impic D					
Pima Environmental Services-Carlsbad	Project Name:		on Draw U	nit 153H	I		
PO Box 247	Project Number: 01058-0007 Project Manager: Gio Gomez					<b>Reported:</b> 8/12/2024 2:21:27PM	
Plains TX, 79355-0247	Project Manag	er: G10	Gomez				8/12/2024 2:21:27PM
		S1 - 1'					
		E408037-01					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		94.0 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		08/06/24	08/07/24	
urrogate: Toluene-d8		94.0 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: KM			Batch: 2432038	
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/08/24	
Surrogate: n-Nonane		142 %	50-200		08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2432035
Chloride	534	20.0		1	08/06/24	08/06/24	

# Sample Data



# Sample Data

	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name: Cotton Draw Unit 153H						
PO Box 247	Project Numb			Reported:			
Plains TX, 79355-0247	Project Manager: Gio Gomez						8/12/2024 2:21:27PM
		S1 - 2'					
		E408037-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Foluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		102 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		102 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/08/24	
Surrogate: n-Nonane		136 %	50-200		08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2432035
Chloride	181	20.0		1	08/06/24	08/06/24	



# Sample Data

	D	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name					
PO Box 247	Project Numl	ber: 0105	58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	iger: Gio		8/12/2024 2:21:27PM		
		<b>S1 - 3'</b>				
		E408037-03				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		98.3 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		98.3 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	y/kg Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		135 %	50-200	08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2432035
Chloride	27.9	20.0	1	08/06/24	08/06/24	



# Sample Data

	L.	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw U	Jnit 153	Н		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				8/12/2024 2:21:27PM
		S1 - 4'					
		E408037-04					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		97.0 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		97.0 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/08/24	
Surrogate: n-Nonane		140 %	50-200		08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2432035
Chloride	ND	20.0		1	08/06/24	08/06/24	



# Sample Data

		impic D	uu				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0105	on Draw U 58-0007 Gomez	Unit 153]	Н		<b>Reported:</b> 8/12/2024 2:21:27PM
		S2 - 1'					
	]	E408037-05					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Foluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		97.8 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		99.5 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		97.8 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/08/24	
Surrogate: n-Nonane		138 %	50-200		08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2432035
Chloride	499	20.0		1	08/06/24	08/06/24	



# Sample Data

		bample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw U	Unit 153	Н		
PO Box 247	Project Num		Reported:				
Plains TX, 79355-0247	Project Mana	8/12/2024 2:21:27PM					
		S2 - 2'					
		E408037-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		105 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		98.5 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		105 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		98.5 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/08/24	
Surrogate: n-Nonane		134 %	50-200		08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2432035
Chloride	312	20.0		1	08/06/24	08/07/24	



# Sample Data

	D	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	nit 153F	ł		
PO Box 247	Project Numl		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				8/12/2024 2:21:27PM
		S2 - 3'					
		E408037-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		92.8 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		103 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		92.8 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/08/24	
Surrogate: n-Nonane		135 %	50-200		08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2432035
Chloride	25.4	20.0		1	08/06/24	08/06/24	



# Sample Data

	N	bample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw U	Unit 153	Н		
PO Box 247	Project Num	ber: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				8/12/2024 2:21:27PM
		S2 - 4'					
		E408037-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		98.8 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		101 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		98.8 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/08/24	
Surrogate: n-Nonane		144 %	50-200		08/06/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2432035
Chloride	ND	20.0		1	08/06/24	08/07/24	



# Sample Data

	D	ample D	uca				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H		
PO Box 247	Project Numl		Reported:				
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				8/12/2024 2:21:27PM
		S3 - 1'					
		E408037-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		98.2 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		104 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		98.2 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/09/24	
Surrogate: n-Nonane		134 %	50-200		08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2432035
Chloride	366	20.0		1	08/06/24	08/07/24	



# Sample Data

	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name	:: Cott	on Draw U	nit 153I	I		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				8/12/2024 2:21:27PM
		S3 - 2'					
		E408037-10					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
o-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		96.4 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		97.7 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		96.4 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		97.7 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/09/24	
Surrogate: n-Nonane		137 %	50-200		08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2432035
Chloride	326	20.0		1	08/06/24	08/07/24	



#### Sample Data

	D	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Unit	153H		
PO Box 247	Project Num	ber: 0105	58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	iger: Gio		8/12/2024 2:21:27PM		
		<b>S3 - 3'</b>				
		E408037-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		105 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		96.0 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		105 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		96.0 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		134 %	50-200	08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2432035
Chloride	ND	20.0	1	08/06/24	08/07/24	



# Sample Data

	b	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				8/12/2024 2:21:27PM
		<b>S3 - 4'</b>					
		E408037-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
p-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		99.9 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		99.9 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/09/24	
Surrogate: n-Nonane		134 %	50-200		08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2432035
Chloride	ND	20.0		1	08/06/24	08/07/24	



# Sample Data

	G	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		on Draw Unit	153H		
PO Box 247	Project Num	ber: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	8/12/2024 2:21:27PM				
		S4 - 1'				
		E408037-13				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	alyst: RKS		Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Foluene	ND	0.0250	1	08/06/24	08/07/24	
p-Xylene	ND	0.0250	1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		98.6 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		98.6 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	Analyst: KM		Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		138 %	50-200	08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: JM		Batch: 2432035
Chloride	483	20.0	1	08/06/24	08/07/24	



# Sample Data

	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw U	nit 1531	Н		
PO Box 247	Project Numb	ber: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				8/12/2024 2:21:27PM
		S4 - 2'					
		E408037-14					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/07/24	
Toluene	ND	0.0250		1	08/06/24	08/07/24	
o-Xylene	ND	0.0250		1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		99.1 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		08/06/24	08/07/24	
Surrogate: Toluene-d8		99.1 %	70-130		08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/09/24	
Surrogate: n-Nonane		132 %	50-200		08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2432035
Chloride	119	20.0		1	08/06/24	08/07/24	



# Sample Data

	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	: Cott	on Draw Unit 1	53H		
PO Box 247	Project Numb	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			8/12/2024 2:21:27PM
		S4 - 3'				
		E408037-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
p-Xylene	ND	0.0250	1	08/06/24	08/07/24	
o,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Fotal Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		95.5 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/06/24	08/07/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	08/06/24	08/07/24	
Surrogate: Toluene-d8		95.5 %	70-130	08/06/24	08/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		136 %	50-200	08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2432035
Chloride	22.8	20.0	1	08/06/24	08/07/24	



# Sample Data

Sample Data							
Pima Environmental Services-Carlsbad	5	Project Name: Cotton Draw Unit 153H					
PO Box 247	Project Numb		01058-0007				Reported:
Plains TX, 79355-0247	Project Manager: Gio Gomez					8/12/2024 2:21:27PM	
		S4 - 4'					
		E408037-16					
		Reporting					
Analyte	Result	Limit	Dilı	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/08/24	
Toluene	ND	0.0250		1	08/06/24	08/08/24	
p-Xylene	ND	0.0250		1	08/06/24	08/08/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/08/24	
Fotal Xylenes	ND	0.0250	-	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		106 %	70-130		08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		08/06/24	08/08/24	
Surrogate: Toluene-d8		90.8 %	70-130		08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		106 %	70-130		08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		08/06/24	08/08/24	
Surrogate: Toluene-d8		90.8 %	70-130		08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/09/24	
Surrogate: n-Nonane		135 %	50-200		08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	tg Analyst: JM			Batch: 2432035	
Chloride	ND	20.0		1	08/06/24	08/07/24	


## Sample Data

	D	bample D	ala			
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Unit	t 153H		
PO Box 247	Project Num	ber: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez			8/12/2024 2:21:27PM
		<b>S5 - 1'</b>				
		E408037-17				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Foluene	ND	0.0250	1	08/06/24	08/08/24	
p-Xylene	ND	0.0250	1	08/06/24	08/08/24	
o,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Fotal Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/06/24	08/08/24	
Surrogate: Toluene-d8		95.1 %	70-130	08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/06/24	08/08/24	
Surrogate: Toluene-d8		95.1 %	70-130	08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		137 %	50-200	08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2432035
Chloride	457	20.0	1	08/06/24	08/07/24	



## Sample Data

	0	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		on Draw Ur	it 153H		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			8/12/2024 2:21:27PM
		S5 - 2'				
		E408037-18				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Foluene	ND	0.0250	1	08/06/24	08/08/24	
p-Xylene	ND	0.0250	1	08/06/24	08/08/24	
o,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	08/06/24	08/08/24	
Surrogate: Toluene-d8		94.5 %	70-130	08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	08/06/24	08/08/24	
Surrogate: Toluene-d8		94.5 %	70-130	08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: KM		Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		138 %	50-200	08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: JM		Batch: 2432035
Chloride	259	20.0	1	08/06/24	08/07/24	



## Sample Data

	D	bample D	ata				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				8/12/2024 2:21:27PM
		<b>S5 - 3'</b>					
		E408037-19					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Benzene	ND	0.0250		1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250		1	08/06/24	08/08/24	
Toluene	ND	0.0250		1	08/06/24	08/08/24	
p-Xylene	ND	0.0250		1	08/06/24	08/08/24	
o,m-Xylene	ND	0.0500		1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250		1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/06/24	08/08/24	
Surrogate: Toluene-d8		98.5 %	70-130		08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		102 %	70-130		08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/06/24	08/08/24	
Surrogate: Toluene-d8		98.5 %	70-130		08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0		1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/06/24	08/09/24	
Surrogate: n-Nonane		135 %	50-200		08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2432035
Chloride	ND	20.0		1	08/06/24	08/07/24	



## Sample Data

	D	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name		on Draw Uni	t 153H		
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez			8/12/2024 2:21:27PM
		<b>S5 - 4'</b>				
		E408037-20				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Toluene	ND	0.0250	1	08/06/24	08/08/24	
p-Xylene	ND	0.0250	1	08/06/24	08/08/24	
o,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	08/06/24	08/08/24	
Surrogate: Toluene-d8		96.9 %	70-130	08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/06/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	08/06/24	08/08/24	
Surrogate: Toluene-d8		96.9 %	70-130	08/06/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: KM		Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Dil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		138 %	50-200	08/06/24	08/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: JM		Batch: 2432035
Chloride	31.4	20.0	1	08/06/24	08/07/24	



## Sample Data

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw I	Jnit 153	Н		
PO Box 247	Project Numb	ber: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				8/12/2024 2:21:27PM
		SW1					
		E408037-21					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2432074
Benzene	ND	0.0250		1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250		1	08/07/24	08/08/24	
Toluene	ND	0.0250		1	08/07/24	08/08/24	
p-Xylene	ND	0.0250		1	08/07/24	08/08/24	
o,m-Xylene	ND	0.0500		1	08/07/24	08/08/24	
Fotal Xylenes	ND	0.0250		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		108 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		108 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0		1	08/08/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/08/24	08/08/24	
Surrogate: n-Nonane		105 %	50-200		08/08/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2432023
Chloride	ND	20.0		1	08/07/24	08/08/24	



## Sample Data

	~	bample D	uca				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw U	Jnit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				8/12/2024 2:21:27PM
		SW2					
		E408037-22					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2432074
Benzene	ND	0.0250		1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250		1	08/07/24	08/08/24	
Toluene	ND	0.0250		1	08/07/24	08/08/24	
p-Xylene	ND	0.0250		1	08/07/24	08/08/24	
o,m-Xylene	ND	0.0500		1	08/07/24	08/08/24	
Fotal Xylenes	ND	0.0250		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		87.4 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		110 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		87.4 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		110 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0		1	08/08/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/08/24	08/08/24	
Surrogate: n-Nonane		112 %	50-200		08/08/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2432023
Chloride	ND	20.0		1	08/07/24	08/08/24	



## Sample Data

	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw I	Jnit 153	Н		
PO Box 247	Project Numbe	er: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				8/12/2024 2:21:27PM
		SW3					
		E408037-23					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2432074
Benzene	ND	0.0250		1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250		1	08/07/24	08/08/24	
°oluene	ND	0.0250		1	08/07/24	08/08/24	
-Xylene	ND	0.0250		1	08/07/24	08/08/24	
,m-Xylene	ND	0.0500		1	08/07/24	08/08/24	
Total Xylenes	ND	0.0250		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/07/24	08/08/24	
urrogate: 1,2-Dichloroethane-d4		88.2 %	70-130		08/07/24	08/08/24	
urrogate: Toluene-d8		108 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		115 %	70-130		08/07/24	08/08/24	
urrogate: 1,2-Dichloroethane-d4		88.2 %	70-130		08/07/24	08/08/24	
urrogate: Toluene-d8		108 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0		1	08/08/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/08/24	08/08/24	
Surrogate: n-Nonane		111 %	50-200		08/08/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2432023
Chloride	ND	20.0		1	08/07/24	08/08/24	



## Sample Data

	L.	bample D	aca				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw U	Jnit 153	Н		
PO Box 247	Project Num	ber: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				8/12/2024 2:21:27PM
		SW4					
		E408037-24					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2432074
Benzene	ND	0.0250		1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250		1	08/07/24	08/08/24	
Toluene	ND	0.0250		1	08/07/24	08/08/24	
p-Xylene	ND	0.0250		1	08/07/24	08/08/24	
o,m-Xylene	ND	0.0500		1	08/07/24	08/08/24	
Fotal Xylenes	ND	0.0250		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		116 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		109 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		116 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		109 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0		1	08/08/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/08/24	08/08/24	
Surrogate: n-Nonane		107 %	50-200		08/08/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2432023
Chloride	ND	20.0		1	08/07/24	08/08/24	



## Sample Data

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	Н		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				8/12/2024 2:21:27PM
		BG1					
		E408037-25					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2432074
Benzene	ND	0.0250		1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250		1	08/07/24	08/08/24	
Toluene	ND	0.0250		1	08/07/24	08/08/24	
p-Xylene	ND	0.0250		1	08/07/24	08/08/24	
o,m-Xylene	ND	0.0500		1	08/07/24	08/08/24	
Fotal Xylenes	ND	0.0250		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		119 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		108 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		119 %	70-130		08/07/24	08/08/24	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130		08/07/24	08/08/24	
Surrogate: Toluene-d8		108 %	70-130		08/07/24	08/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0		1	08/08/24	08/08/24	
Dil Range Organics (C28-C36)	ND	50.0		1	08/08/24	08/08/24	
Surrogate: n-Nonane		110 %	50-200		08/08/24	08/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2432023
Chloride	ND	20.0		1	08/07/24	08/08/24	



## **QC Summary Data**

		<u>v</u> c si		v					
Pima Environmental Services-Carlsbad		Project Name:		otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:		058-0007					
Plains TX, 79355-0247		Project Manager:	Gi	o Gomez				8/	12/2024 2:21:27PM
		Volatile Organic	Compou	unds by El	PA 82601	3			Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2432033-BLK1)							Prepared: 08	8/06/24 Ana	lyzed: 08/07/24
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: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			
LCS (2432033-BS1)							Prepared: 08	8/06/24 Ana	lyzed: 08/07/24
Benzene	2.32	0.0250	2.50		92.9	70-130	1		<b>J</b>
	2.32		2.50		94.9	70-130			
Ethylbenzene	2.37	0.0250			88.3	70-130			
Toluene		0.0250	2.50						
p-Xylene	2.37	0.0250	2.50		94.7	70-130			
o,m-Xylene	4.75	0.0500	5.00		95.0	70-130			
Total Xylenes	7.12	0.0250	7.50		94.9	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			
Matrix Spike (2432033-MS1)					E408037-		Prepared: 08	8/06/24 Ana	lyzed: 08/07/24
Benzene	2.38	0.0250	2.50	ND	95.2	48-131			
Ethylbenzene	2.42	0.0250	2.50	ND	96.6	45-135			
Toluene	2.26	0.0250	2.50	ND	90.3	48-130			
p-Xylene	2.35	0.0250	2.50	ND	93.8	43-135			
o,m-Xylene	4.66	0.0500	5.00	ND	93.2	43-135			
Total Xylenes			7.50		93.4	43-135			
	7.01	0.0250	7.50	ND	25.1				
Surrogate: Bromofluorobenzene	7.01 0.500	0.0250	0.500	ND	100	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		0.0250		ND					
	0.500	0.0250	0.500	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500 0.483	0.0250	0.500 0.500		100 96.5	70-130 70-130 70-130	Prepared: 08	8/06/24 Ana	lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.500 0.483	0.0250	0.500 0.500		100 96.5 97.9	70-130 70-130 70-130	Prepared: 08	8/06/24 Ana	lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2432033-MSD1) Benzene	0.500 0.483 0.490		0.500 0.500 0.500	Source:	100 96.5 97.9 <b>E408037-</b>	70-130 70-130 70-130 <b>08</b>	-		lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2432033-MSD1) Benzene Ethylbenzene	0.500 0.483 0.490 2.42	0.0250	0.500 0.500 0.500 2.50	Source: ND	100 96.5 97.9 <b>E408037-1</b> 97.0	70-130 70-130 70-130 <b>08</b> 48-131	1.81	23	lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2432033-MSD1) Benzene Ethylbenzene Foluene	0.500 0.483 0.490 2.42 2.51	0.0250 0.0250 0.0250	0.500 0.500 0.500 2.50 2.50	Source: ND ND	100 96.5 97.9 <b>E408037-</b> 97.0 101	70-130 70-130 70-130 008 48-131 45-135	1.81 3.98	23 27	lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2432033-MSD1) Benzene Ethylbenzene Foluene o-Xylene	0.500 0.483 0.490 2.42 2.51 2.49 2.52	0.0250 0.0250 0.0250 0.0250	0.500 0.500 0.500 2.50 2.50 2.50 2.50 2.	Source: ND ND ND ND	100 96.5 97.9 <b>E408037-</b> 97.0 101 99.5 101	70-130 70-130 70-130 70-130 08 48-131 45-135 48-130	1.81 3.98 9.70	23 27 24	lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2432033-MSD1) Benzene Ethylbenzene	0.500 0.483 0.490 2.42 2.51 2.49	0.0250 0.0250 0.0250	0.500 0.500 0.500 2.50 2.50 2.50 2.50	Source: ND ND ND	100 96.5 97.9 <b>E408037-</b> 97.0 101 99.5	70-130 70-130 70-130 70-130 08 48-131 45-135 48-130 43-135	1.81 3.98 9.70 7.01	23 27 24 27	lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2432033-MSD1) Benzene Ethylbenzene Toluene o-Xylene o,m-Xylene	0.500 0.483 0.490 2.42 2.51 2.49 2.52 5.04	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500	0.500 0.500 0.500 2.50 2.50 2.50 2.50 2.	Source: ND ND ND ND ND	100 96.5 97.9 <b>E408037-</b> 97.0 101 99.5 101 101	70-130 70-130 70-130 70-130 08 48-131 45-135 48-130 43-135 43-135	1.81 3.98 9.70 7.01 7.89	23 27 24 27 27	lyzed: 08/07/24
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2432033-MSD1) Benzene Ethylbenzene Toluene o-Xylene o,m-Xylene Total Xylenes	0.500 0.483 0.490 2.42 2.51 2.49 2.52 5.04 7.56	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500	0.500 0.500 0.500 2.50 2.50 2.50 2.50 5.00 7.50	Source: ND ND ND ND ND	100 96.5 97.9 <b>E408037-</b> 97.0 101 99.5 101 101 101	70-130 70-130 70-130 08 48-131 45-135 48-130 43-135 43-135 43-135	1.81 3.98 9.70 7.01 7.89	23 27 24 27 27	lyzed: 08/07/24



## **QC Summary Data**

		<u>VC 5</u>		- 5 - 000					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		otton Draw U 058-0007	nit 153H				Reported:
PO Box 247 Plains TX, 79355-0247		-		o Gomez				Q /	12/2024 2:21:27PM
1 Idills 1 A, 17555-0241		Project Manager:	U	o Gomez				0/	12/2027 2.21.2/PW
		Volatile Organic	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 (2432074-BLK1)							Prepared: 08	8/07/24 Ana	lyzed: 08/08/24
Benzene	ND	0.0250					1		
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	0.581		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.439		0.500		87.7	70-130			
-			0.500		108	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			
LCS (2432074-BS1)							Prepared: 08	8/07/24 Ana	lyzed: 08/08/24
Benzene	2.22	0.0250	2.50		89.0	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.7	70-130			
Toluene	2.42	0.0250	2.50		96.8	70-130			
p-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	5.04	0.0500	5.00		101	70-130			
Total Xylenes	7.56	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.577		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.440		0.500		88.0	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			
Matrix Spike (2432074-MS1)				Source:	E408037-2	23	Prepared: 08	8/07/24 Ana	lyzed: 08/08/24
Benzene	2.28	0.0250	2.50	ND	91.1	48-131			
Ethylbenzene	2.34	0.0250	2.50	ND	93.6	45-135			
Toluene	2.42	0.0250	2.50	ND	96.9	48-130			
o-Xylene	2.64	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.22	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.86	0.0250	7.50	ND	105	43-135			
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.7	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			
Matrix Spike Dup (2432074-MSD1)				Source:	E408037-	23	Prepared: 08	8/07/24 Ana	lyzed: 08/08/24
Benzene	2.36	0.0250	2.50	ND	94.5	48-131	3.66	23	•
Ethylbenzene	2.46	0.0250	2.50	ND	98.4	45-135	5.00	27	
Toluene	2.53	0.0250	2.50	ND	101	48-130	4.44	24	
p-Xylene	2.76	0.0250	2.50	ND	110	43-135	4.49	27	
p,m-Xylene	5.44	0.0500	5.00	ND	109	43-135	4.05	27	
Fotal Xylenes	8.19	0.0250	7.50	ND	109	43-135	4.20	27	
Surrogate: Bromofluorobenzene	0.589		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.455		0.500		91.0	70-130			
					108	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	/11-15()			



## **QC Summary Data**

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	0	otton Draw Ur 1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:	C	io Gomez					8/12/2024 2:21:27PM
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2432033-BLK1)							Prepared: 0	8/06/24	Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			
LCS (2432033-BS2)							Prepared: 0	8/06/24	Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.1	70-130			
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			
Matrix Spike (2432033-MS2)				Source:	E408037-0	8	Prepared: 0	8/06/24	Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.2	70-130			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			
Matrix Spike Dup (2432033-MSD2)				Source:	E408037-0	8	Prepared: 0	8/06/24	Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.6	70-130	6.46	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Summer to 1.2 Distland and 14	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.4//				20.1	/0 100			



## **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 153HPO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez		<b>Reported:</b> 8/12/2024 2:21:27F
Nonhalogenated Organics by EPA 8015D - GRO		Analyst: IY
Analyte Reporting Spike Source Rec Result Limit Level Result Rec Limits		RPD Limit
mg/kg mg/kg mg/kg % %	%	% Notes
Blank (2432074-BLK1)	Prepared: 08/0	7/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10) ND 20.0		
Surrogate: Bromofluorobenzene 0.581 0.500 116 70-130		
Surrogate: 1,2-Dichloroethane-d4 0.439 0.500 87.7 70-130		
Surrogate: Toluene-d8 0.541 0.500 108 70-130		
LCS (2432074-BS2)	Prepared: 08/07	7/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10) 52.6 20.0 50.0 105 70-130		
Surrogate: Bromofluorobenzene 0.599 0.500 120 70-130		
Surrogate: 1,2-Dichloroethane-d4 0.439 0.500 87.8 70-130		
Surrogate: Toluene-d8 0.551 0.500 110 70-130		
Matrix Spike (2432074-MS2) Source: E408037-23 F	Prepared: 08/07	7/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10) 52.3 20.0 50.0 ND 105 70-130		
Surrogate: Bromofluorobenzene 0.587 0.500 117 70-130		
Surrogate: 1,2-Dichloroethane-d4 0.447 0.500 89.3 70-130		
Surrogate: Toluene-d8 0.557 0.500 111 70-130		
Matrix Spike Dup (2432074-MSD2) Source: E408037-23 F	Prepared: 08/07	7/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10) 53.6 20.0 50.0 ND 107 70-130	2.35	20
Surrogate: Bromofluorobenzene 0.591 0.500 118 70-130		



## **OC Summary Data**

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ur 01058-0007 Gio Gomez	nit 153H				<b>Reported:</b> 8/12/2024 2:21:27PM
Plains TX, 79355-0247		Project Manager:		Glo Gomez					8/12/2024 2:21:2/PW
	Nonh	alogenated Org	anics b	y EPA 8015E	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2432038-BLK1)							Prepared: 0	8/06/24 <i>A</i>	Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	68.3		50.0		137	50-200			
LCS (2432038-BS1)							Prepared: 0	8/06/24 A	Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	65.0		50.0		130	50-200			
Matrix Spike (2432038-MS1)				Source:	E408037-	03	Prepared: 0	8/06/24 A	Analyzed: 08/09/24
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	38-132			
Surrogate: n-Nonane	58.1		50.0		116	50-200			
Matrix Spike Dup (2432038-MSD1)				Source:	E408037-	03	Prepared: 0	8/06/24 A	Analyzed: 08/09/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	2.26	20	
Surrogate: n-Nonane	58.4		50.0		117	50-200			

## **OC Summary Data**

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ur 01058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:		Gio Gomez					8/12/2024 2:21:27PM
	Nonh	alogenated Org	anics by	y EPA 8015E	) - 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 (2432084-BLK1)							Prepared: 0	8/08/24 <i>A</i>	Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.3		50.0		111	50-200			
LCS (2432084-BS1)							Prepared: 0	8/08/24 A	Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			
Matrix Spike (2432084-MS1)				Source:	E408063-	02	Prepared: 0	8/08/24 A	Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	57.6		50.0		115	50-200			
Matrix Spike Dup (2432084-MSD1)				Source:	E408063-	02	Prepared: 0	8/08/24 A	Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	286	25.0	250	ND	115	38-132	1.13	20	
Surrogate: n-Nonane	58.1		50.0		116	50-200			

## **QC Summary Data**

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Pima Environmental Services-Carlsbad		Project Name:		Cotton Draw U	nit 153H				Reported:
PO Box 247		Project Number:		01058-0007					-
Plains TX, 79355-0247		Project Manager	:	Gio Gomez					8/12/2024 2:21:27P
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2432023-BLK1)							Prepared: 0	8/06/24	Analyzed: 08/06/24
Chloride	ND	20.0							
LCS (2432023-BS1)							Prepared: 0	8/06/24	Analyzed: 08/06/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2432023-MS1)				Source:	E408031-	05	Prepared: 0	8/06/24	Analyzed: 08/06/24
Chloride	357	20.0	250	98.8	103	80-120			
Matrix Spike Dup (2432023-MSD1)				Source:	E408031-	05	Prepared: 0	8/06/24	Analyzed: 08/06/24
Chloride	354	20.0	250	98.8	102	80-120	0.887	20	



## **QC Summary Data**

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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 153H				<b>Reported:</b> 8/12/2024 2:21:27PM
		Anions	by EPA	300.0/9056A	1				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 (2432035-BLK1)							Prepared: 0	8/06/24 A	nalyzed: 08/06/24
Chloride	ND	20.0							
LCS (2432035-BS1)							Prepared: 0	8/06/24 A	nalyzed: 08/06/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2432035-MS1)				Source:	E408037-0	07	Prepared: 0	8/06/24 A	nalyzed: 08/06/24
Chloride	317	20.0	250	25.4	117	80-120			
Matrix Spike Dup (2432035-MSD1)				Source:	E408037-(	07	Prepared: 0	8/06/24 A	nalyzed: 08/06/24
Chloride	277	20.0	250	25.4	101	80-120	13.4	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.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/12/24 14:21

ing 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** 

Released to Imaging: 3/13/2025 1:47:01 PM

Chain of Custody

Client: Pima Envir	onmen	tal Servi	ces		ĩ	Dut	Bill To					and the second data	ab U	se Or					TA			EPA P	rogram
Project: Cotton 1 Project Manager: (			193 H		ntion: d	Rudr	)			Lab	WO#	t	4	Job	Num	oer -0007	1D	2D	3D	Sta	ndard	CWA	SDWA
Address: 5614 N. I	Lovingt	on Hwy.	4.1	412 A	State, Z	Zip				S REALS	100					d Metho	d	1		-	and the state		RCRA
City, State, Zip Ho		<u>A. 88240</u>	<u> </u>	Pho	AND INCOME.																		
hone: 806-782-1 mail: gio@pima		)		Ema			10.			8015	8015				0					-		State UT AZ	TX
Report due by:		interest and the second		Pim	a Proje	ect#	1-302	2-8		vd O	Vd O	8021	8260	010	300.0		WN	¥		F	X	UT AL	
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 6010	Chloride		BGDOC	BGDOC		ſ		Remarks	
8:27 812	S		SI-1	1					1								X						
8:33			51-2'						2								1						
8:39			51-3'						3			1											
3:42	1		51-4'						4				-				11						
8:48			57-1	-					<								$\dagger$						
8:56			52-2'						6								11						
7:11			SZ-3'						7								11	-					
9:18			SZ-4'						8		-				-		$^{\dagger\dagger}$			-			
9:26	1		53-1'						9														
9:32	1		53-21		_				D	-							$\ddagger$						
Additional Instruct	ions:			R	11:0	att	=711	652	1			-	-				<u> </u>		<u> </u>				
(field sampler), attest to t late or time of collection is							or intentiona			elocati	on,			1.		ring thermal It an avg terr						hey are sampl	ed or receive
Relinquished by: (Signat	țure)	Date	5/24 Time	a de se transfer		d by: (Sigr	nature)	nanles	Date 8-5-2	4	Time	25	10	57			L		se Onl			-	
Relinquished by (Signat		6 Date	SLY Time			d by: (Sig		00	Date 9.5.		Time	52	•		erved	on ice:	0	7 N		1			
Relinguished by; (Signat		Date	Time		Received	d by: (Sigr	nature)	050	Date	-	Time	0.0	0	<u>T1</u>			12	10.	Ni Cont		<u>'3</u>	1000	
Indren Mi	880	8	5.24 24	00	thus	dul	1	Hell	8.6.	24	DI	00	D	AVG	G Tem	ip °C_	1	R.					
ample Matrix: S - Soil, Sd			queous, O - Other			1			Containe														
Note: Samples are disca amples is applicable on																	ent exp	bense.	The re	eport f	or the ana	lysis of the	above

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roject: (	bttor	Gio Go	WOnit	±153 H	Attent		on		Lab V	NO#	-	Job	Num	ber 0007	1D	2D	3D 5	Standard	CWA	SDWA
			ton Hwy.		2050400036	tate, Zip				000	251			nd Metho	d			$\hat{\mathbf{T}}$		RCRA
			M. 88240	)	Phone Email:															
<u>hone: 8</u> mail: g		naoil.cor	n		1 8012 C						0					NMI CO	State	TX		
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260 Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
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0:23				54-3'				15							Ħ					
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Chadre				queous, O - Other	700 1	and the le	Huu		r Typo				and the second second	ag - amb	orgla		VOA	and the state		

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Client: F	Pim	a Envi	ronmen	tal Servi	ces		5	Bill To	-					e On		19 A.W.			TAT		EPA Program	
Project:	Co	tton	Vraw	Unit 7	F153H	Attention	: Ve	Jan		Lab	WO#			Job I	Numb	er 7	1D	2D 3	D St	andard	CWA	SDWA
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Phone:	800	6-782-	1151			Email:				15	15			TT.							State	
			aoil.com	1		Pima Pr	oloct #	1 207-5		oy 8015	oy 8015	21	0	0	0.0		Σ			NM CO	UT AZ	TX
Report d	T		-	-		Filla Fi	oject#	1-302-8	1	ROL	ROF	y 80	y 826	601	de 30		WN 1	¥		X		
Time Sampled		Date ampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
11:30	8	12	5		SWI				21								Y					-
11:33		1	_		JUZ	_		_	22					4						1		
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						im aware that tam	pering with o	r intentionally mislabelli		_	on,									on ice the day t		ed or received
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Relinquish	Ci I	· 1/	and	81	5/24 12	56 00	ichelle	Gonzales	Date 8.5.1	24	Time	25	6	Rece	eived o	on ice:		ab Use / N	Uniy			
Relinguish	red		ture)	les Date	5:24 Time	40 Recei	ed by: (Sig	nature)	Date	.24	Time	33	0	T1			T2			T3		
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Sample Mat	triv	S-Soil Se			queous, 0 - Other	IW IM	MAR	11 Hece	Containe			_			and the second se		r gla	5 V - VI	74	and and the	105 50	
						nless other arrar	gements a	re made. Hazardous	samples will	be ret	turned	to clie	ent or	dispo	sed of a	at the clie	nt exp	ense. T	he repor	t for the ana	lysis of the	above

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## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Da	ate Received:	08/06/24 06:	:00	Work Order ID: E408037
Phone:	(575) 631-6977 Da	ate Logged In:	08/05/24 17:	:11	Logged In By: Noe Soto
Email:		le Date:	08/12/24 17	:00 (4 day TAT)	
Chain o	of Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was t	he COC complete, i.e., signatures, dates/times, requested	l analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)			1	
-	the COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers and sampled by name are
Sample	•		1.00		missing on COC by client.
	a sample cooler received?		Yes		
	was cooler received in good condition?		Yes		
•	he sample(s) received intact, i.e., not broken?		Yes		
	e custody/security seals present?				
	es, were custody/security seals intact?		No		
-		(0) 10C	NA		
12. was	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample ten	nperature: <u>4°</u>	<u>°C</u>		
<u>Sample</u>	Container				
14. Are	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum inform.	ation:	V		
	Sample ID? Date/Time Collected?		Yes		
	Collectors name?		Yes Yes		
<u>Sampl</u> e	Preservation				
	s the COC or field labels indicate the samples were prese	rved?	Yes		
	sample(s) correctly preserved?		No		
24. Is la	b filteration required and/or requested for dissolved meta	ıls?	No		
<u>Mu</u> ltiph	nase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
	es, does the COC specify which phase(s) is to be analyzed		NA		
	tract Laboratory_				
	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so			ubcontract Lab	n' NA
muo	a carrent and the orally specified by the chefit and it so			accontract Lat	J. 171 L

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



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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 153H

Work Order: E412092

Job Number: 01058-0007

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/13/24

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: 12/13/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E412092 Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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Sample	Summary
Sampic	Summary

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Number: 01			153H	<b>Reported:</b> 12/13/24 15:17
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
51 - Surface	E412092-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
51-1'	E412092-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
11-2'	E412092-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
1-3'	E412092-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
51-4'	E412092-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
2- Surface	E412092-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
2-1'	E412092-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
2-2'	E412092-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
2-3'	E412092-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
2-4'	E412092-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
3- Surface	E412092-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
3-1'	E412092-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
3-2'	E412092-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
3-3'	E412092-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
3-4'	E412092-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
4- Surface	E412092-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
4-1'	E412092-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
4-2'	E412092-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
4-3'	E412092-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
54-4'	E412092-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.



		imple D	uu			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 15	3Н		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	er: Gio	Gomez			12/13/2024 3:17:57PI
	S	51 - Surface				
	-	E412092-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: SL		Batch: 2450107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450099
Diesel Range Organics (C10-C28)	50.1	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	59.1	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450115
Chloride	94.4	20.0	1	12/13/24	12/13/24	

## Sample Data



	Sa	imple D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	BH		
PO Box 247	Project Number	r: 0105	58-0007	Reported:		
Plains TX, 79355-0247	Project Manage	12/13/2024 3:17:57PM				
		S1-1'				
	]	E412092-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2450099		
Diesel Range Organics (C10-C28)	3660	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	1510	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115
Chloride	466	20.0	1	12/13/24	12/13/24	



	D	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 010:	on Draw Unit 153 58-0007 Gomez	BH		<b>Reported:</b> 12/13/2024 3:17:57PM
		S1-2'				
		E412092-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2450099		
Diesel Range Organics (C10-C28)	98.5	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	79.2	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115
Chloride	383	20.0	1	12/13/24	12/13/24	

	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 010:	ton Draw Unit 15: 58-0007 Gomez	3H		<b>Reported:</b> 12/13/2024 3:17:57PM
		S1-3'				
		E412092-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2450099		
Diesel Range Organics (C10-C28)	84.9	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	90.2	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		113 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115
Chloride	910	20.0	1	12/13/24	12/13/24	

	D.	ample D	ata					
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numb	er: 010	on Draw Unit 153 58-0007	BH		<b>Reported:</b> 12/13/2024 3:17:57PM		
Plains TX, 79355-0247	9355-0247 Project Manager: Gio Gomez							
		S1-4'						
		E412092-05						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450107		
Benzene	ND	0.0250	1	12/12/24	12/13/24			
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24			
Toluene	ND	0.0250	1	12/12/24	12/13/24			
p-Xylene	ND	0.0250	1	12/12/24	12/13/24			
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24			
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24			
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	12/12/24	12/13/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107		
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	12/12/24	12/13/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: NV			Batch: 2450099		
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24			
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24			
Surrogate: n-Nonane		100 %	50-200	12/12/24	12/13/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115		
Chloride	159	20.0	1	12/13/24	12/13/24			



## Sample Data

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Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		on Draw Unit 1 58-0007	53H		Reported:
PO Box 247 Plains TX, 79355-0247	Project Numbe Project Manag		Gomez			12/13/2024 3:17:57PM
			Gomez			
	S	82- Surface				
	]	E412092-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2450107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2450099
Diesel Range Organics (C10-C28)	76.7	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	80.3	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2450115
Chloride	59.6	20.0	1	12/13/24	12/13/24	



	56	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 15			
PO Box 247	Project Numbe		58-0007			<b>Reported:</b>
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 3:17:57PM
		S2-1'				
		E412092-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	3350	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	1540	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450115
Chloride	464	20.0	1	12/13/24	12/13/24	



## Sample Data

	Si	ample D	ลเล					
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	3H				
PO Box 247	Project Numbe	er: 010	r: 01058-0007					
Plains TX, 79355-0247	Project Manag	12/13/2024 3:17:57PM						
		S2-2'						
		E412092-08						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450107		
Benzene	ND	0.0250	1	12/12/24	12/13/24			
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24			
Toluene	ND	0.0250	1	12/12/24	12/13/24			
o-Xylene	ND	0.0250	1	12/12/24	12/13/24			
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24			
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24			
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	12/12/24	12/13/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: SL			Batch: 2450107		
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	12/12/24	12/13/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2450099				
Diesel Range Organics (C10-C28)	43.1	25.0	1	12/12/24	12/13/24			
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24			
Surrogate: n-Nonane		110 %	50-200	12/12/24	12/13/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115		
Chloride	154	20.0	1	12/13/24	12/13/24			



	56	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 15	3Н		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Gio	Gomez			12/13/2024 3:17:57PM
		S2-3'				
		E412092-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Batch: 2450099		
Diesel Range Organics (C10-C28)	177	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	132	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450115
Chloride	971	20.0	1	12/13/24	12/13/24	


	56	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe	er: 010	on Draw Unit 15 58-0007	3Н		Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 3:17:57PM
		S2-4'				
		E412092-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		108 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450115
Chloride	184	20.0	1	12/13/24	12/13/24	



	Di	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Uni	t 153H			
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 3:17:57PM	
	,	S3- Surface					
		E412092-11					
		Reporting					
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: SL		Batch: 2450107	
Benzene	ND	0.0250	1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24		
Toluene	ND	0.0250	1	12/12/24	12/13/24		
p-Xylene	ND	0.0250	1	12/12/24	12/13/24		
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24		
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24		
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: SL		Batch: 2450107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2450099	
Diesel Range Organics (C10-C28)	58.0	25.0	1	12/12/24	12/13/24		
Dil Range Organics (C28-C36)	73.2	50.0	1	12/12/24	12/13/24		
Surrogate: n-Nonane		111 %	50-200	12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: DT		Batch: 2450115	
Chloride	59.9	20.0	1	12/13/24	12/13/24		



	0	ampie D	ala			
Pima Environmental Services-Carlsbad	Project Name		on Draw Unit 1:	53H		<b>D</b>
PO Box 247	Project Numb		58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: G10	Gomez			12/13/2024 3:17:57PM
		S3-1'				
		E412092-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	2680	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	1360	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450115
Chloride	411	20.0	1	12/13/24	12/13/24	



	0	ampie D	ala						
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Draw Unit 15 58-0007	3Н		Reported:			
Plains TX, 79355-0247	•								
		S3-2'							
		E412092-13							
		Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2450107			
Benzene	ND	0.0250	1	12/12/24	12/13/24				
Ithylbenzene	ND	0.0250	1	12/12/24	12/13/24				
oluene	ND	0.0250	1	12/12/24	12/13/24				
o-Xylene	ND	0.0250	1	12/12/24	12/13/24				
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24				
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24				
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	12/12/24	12/13/24				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2450107			
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24				
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	12/12/24	12/13/24				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2450099			
Diesel Range Organics (C10-C28)	47.3	25.0	1	12/12/24	12/13/24				
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24				
Surrogate: n-Nonane		117 %	50-200	12/12/24	12/13/24				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450115			
Chloride	176	20.0	1	12/13/24	12/13/24				



	50	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	Н		
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Gio	Gomez			12/13/2024 3:17:57PM
		S3-3'				
	]	E412092-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: SL		Batch: 2450107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	cg Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	81.0	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	55.2	50.0	1	12/12/24	12/13/24	
urrogate: n-Nonane		117 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2450115
Chloride	174	20.0	1	12/13/24	12/13/24	



	Sa	imple D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	BH		
PO Box 247	Project Number	r: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Gio	Gomez			12/13/2024 3:17:57PM
		S3-4'				
	1	E412092-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2450107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	!	90.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
urrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115
Chloride	166	20.0	1	12/13/24	12/13/24	



		ampic D	ata			
Pima Environmental Services-Carlsbad	Project Name:		ton Draw Unit 153			
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 3:17:57PM
		S4- Surface				
		E412092-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: SL		Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	105	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	97.9	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		117 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	



Kinne Krig Protection     Keyler Kanagan     Exist Owner     Keyler Kanagan       Sk4-1' E412092-17       Reporting Analyte     Reporting Manalyte     Reporting Analyte     Analyzed Notes       Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Johanie Corganics by EPA 8021B     mg/kg     mg/kg     Analyzet     Patch: 2450107       Menzene     ND     0.0250     1     2/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24<		Da	ample D	ata			
Plains TX, 79355-0247   Project Manager:   Gio Gomez   12/13/2024   3.17:57PM     S4-1'     F412092-17     Analyte   Result   Linni<   Dilution   Prepared   Analyzed   Notes     Analyte   Result   Linni   Dilution   Prepared   Analyzed   Notes     Analyte   Result   Linnit   Dilution   Prepared   Analyzed   Notes     Analyte   Result   Linnit   Dilution   Prepared   Analyzed   Notes     Analyte   Reparting   Analyse: SL   Batch: 2450107     Analyte   ND   0.0	Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 15	3Н		
Kinne Krig Protection     Keyler Kanagan     Exist Owner     Keyler Kanagan       Sk4-1' E412092-17       Reporting Analyte     Reporting Manalyte     Reporting Analyte     Analyzed Notes       Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Johanie Corganics by EPA 8021B     mg/kg     mg/kg     Analyzet     Patch: 2450107       Menzene     ND     0.0250     1     2/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24     12/13/24<	PO Box 247	Project Numbe	er: 0103	58-0007		Reported:	
F412092-17       Reporting       Analyte     Reporting     Itimit     Dilution     Prepared     Analyzed     Notes       Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Standard     ND     0.0250     1     12/12/24     12/13/24       Standard     ND     0.0250     1     12/12/24     12/13/24       -Xylene     ND     0.0250     1     12/12/24     12/13/24       -Xylene     ND     0.0250     1     12/12/24     12/13/24       -Xylene     ND     0.0250     1     12/12/24     12/13/24       urrogate:     4.Bromochlorobenzene-PID     I/04 %     70-130     12/12/24     12/13/24       warogate:     1-Charo-4-fluorobenzene-FID     90.3 %     70-130     12/12/24     12/13/24       warogate:     1-Charo-4-fluorobenzene-FID     90.3 %     70-130     12/12/24     12/1	Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 3:17:57PM
Reporting       Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Volatile Organics by EPA 8021B     mg/kg     mg/kg     Analyst: SL     Batch: 2450107       Benzene     ND     0.0250     1     12/12/24     12/13/24       Volatile Organics by EPA 8021B     ND     0.0250     1     12/12/24     12/13/24       Stepszene     ND     0.0250     1     12/12/24     12/13/24     12/13/24       -Xylene     ND     0.0250     1     12/12/24     12/13/24     12/13/24       wm-Sylene     ND     0.0250     1     12/12/24     12/13/24     12/13/24       Warogate: 4-Bromochlorobenzene-PID     104 %     70-130     12/12/24     12/13/24       warogate: 1-Chloro-4-fluorobenzene-FID     ND     20.0     1     12/12/24     12/13/24       warogate: 1-Chloro-4-fluorobenzene-FID     90.3 %     70-130     12/12/24     12/13/24       warogate: 1-Chloro-4-fluorobenzene-FID     90.3 %     10/130     12/12/24     12/13/24			S4-1'				
Analyte     Result     Limit     Dilution     Prepared     Analyzed     Notes       Analyte     mg/kg     mg/kg     Malyst: SL     Batch: 2450107       Benzene     ND     0.0250     1     12/12/24     12/13/24       Sthylbenzene     ND     0.0250     1     12/12/24     12/13/24       Oldene     ND     0.0250     1     12/12/24     12/13/24       -Xylene     ND     0.0250     1     12/12/24     12/13/24       otal Xylenes     ND     0.0250     1     12/12/24     12/13/24       wonshalogenated Organics by EPA 8015D - GRO     mg/kg     mg/kg     Analyst: SL     Batch: 2450107       Gasoline Range Organics (C6-C10)     ND     20.0     1     12/12/24     12/13/24       wonsdalogenated Organics by EPA 8015D - DRO/ORO     mg/kg     mg/kg     Analyst: SL     Batch: 245009       Diesel Range Organics (C10-C28)     2570     25.0     1     12/12/24     12/13/24       Diesel Range Organics (C28-C36)     1180     50.0     1     12/12/24     <			E412092-17				
Volatile Organics by EPA 8021B     mg/kg     mg/kg     Analyst: SL     Batch: 2450107       Jenzene     ND     0.0250     1     12/12/24     12/13/24       Sithylbenzene     ND     0.0250     1     12/12/24     12/13/24       Volatile Organics     ND     0.0250     1     12/12/24     12/13/24       Voluene     ND     0.0250     1     12/12/24     12/13/24       -Xylene     ND     0.0250     1     12/12/24     12/13/24       -xylene     ND     0.0250     1     12/12/24     12/13/24       vorgate:     4-Bromochlorobenzene-PID     104 %     70-130     12/12/24     12/13/24       Vonhalogenated Organics by EPA 8015D - GRO     mg/kg     mg/kg     Analyst: SL     Batch: 2450107       jasoline Range Organics (C6-C10)     ND     20.0     1     12/12/24     12/13/24       wrogate: 1-Chloro-4-fluorobenzene-FID     90.3 %     70-130     12/12/24     12/13/24       Sonhalogenated Organics by EPA 8015D - DRO/ORO     mg/kg     mg/kg     Analyst: NV     Batch: 24500			Reporting				
Normalic Organics by EPA 8015D - DRO/ORO     mg/kg     mg/kg     Analyst: SL     Batch: 2450107       Sonhalogenated Organics by EPA 8015D - DRO/ORO     mg/kg     mg/kg     Analyst: NV     Batch: 2450099       Virrogate: 1-Chloro-4-fluorobenzene-FID     1180     50.0     1     12/12/24     12/13/24       Varrogate: n-Nonane     1104 %     70-130     12/12/24     12/13/24     12/13/24       Varrogate: n-Nonane     104 %     70-130     12/12/24     12/13/24     12/13/24       Varrogate: n-Nonane     109 %     70-130     12/12/24     12/13/24     12/13/24	Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
NB   0.0250   1   12/12/24   12/13/24     bilence   ND   0.0250   1   12/12/24   12/13/24     bilence   ND   0.0250   1   12/12/24   12/13/24     -Xylene   ND   0.0250   1   12/12/24   12/13/24     ,m-Xylene   ND   0.0250   1   12/12/24   12/13/24     otal Xylenes   ND   0.0250   1   12/12/24   12/13/24     wonhalogenated Organics by EPA 8015D - GRO   mg/kg   mg/kg   Analyst: SL   Batch: 2450107     jasoline Range Organics (C6-C10)   ND   20.0   1   12/12/24   12/13/24     worogate: 1-Chloro-4-fluorobenzene-FID   90.3 %   70-130   12/12/24   12/13/24     wonhalogenated Organics by EPA 8015D - DRO/ORO   mg/kg   mg/kg   Analyst: NV   Batch: 2450099     biesel Range Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     biel Range Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     wrogate: n-Nonane   109 %   50-200   12/12/24   12/13/24	Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		
NIL   ND   0.0250   1   12/12/24   12/13/24     Soluene   ND   0.0250   1   12/12/24   12/13/24     -Xylene   ND   0.0250   1   12/12/24   12/13/24     (otal Xylenes)   ND   0.0250   1   12/12/24   12/13/24     (wrogate: 4-Bromochlorobenzene-PID   104 %   70-130   12/12/24   12/13/24     Nonhalogenated Organics by EPA 8015D - GRO   mg/kg   mg/kg   Analyst: SL   Batch: 2450107     Gasoline Range Organics (C6-C10)   ND   20.0   1   12/12/24   12/13/24     Wrogate: 1-Chloro-4-fluorobenzene-FID   90.3 %   70-130   12/12/24   12/13/24     Wonhalogenated Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     Will Range Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     Warogate: n-Nonane   109 %   50-200   12/12/24   12/13/24     Warogate: n-Nonane   109 %   50-200   12/12/24   12/13/24     Warogate: n-Nonane   109 %   50-200   12/12/24   12/13/24	Benzene	ND	0.0250	1	12/12/24	12/13/24	
ND 0.0250 1 12/12/24 12/13/24   -Xylene ND 0.0250 1 12/12/24 12/13/24   void Xylenes ND 20.0 1 12/12/24 12/13/24   void Xylenes ND 20.0 1 12/12/24 12/13/24   void Xylenes ND 20.0 1 12/12/24 12/13/24   void Xylenes MD 20.0 1 12/12/24 12/13/24   void Xylenes MD 20.0 1 12/12/24 12/13/24   void Xylenes Mg/kg Mg/kg Analyst: NV Batch: 2450099   Dilesel Range Organics (C10-C28) 2570 25.0 1 12/12/24 12/13/24   virrogate: n-N	Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
NP, Yiele   ND   0.0250   1   12/12/24   12/13/24     Voltal Xylenes   ND   0.0250   1   12/12/24   12/13/24     urrogate: 4-Bromochlorobenzene-PID   104 %   70-130   12/12/24   12/13/24     Nonhalogenated Organics by EPA 8015D - GRO   mg/kg   mg/kg   Analyst: SL   Batch: 2450107     Sasoline Range Organics (C6-C10)   ND   20.0   1   12/12/24   12/13/24     Wonhalogenated Organics by EPA 8015D - DRO/ORO   mg/kg   mg/kg   Analyst: SL   Batch: 2450107     Sosoline Range Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     Voin Balogenated Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     Varrogate: n-Nonane   109 %   50-200   12/12/24   12/13/24     Marions by EPA 300.0/9056A   mg/kg   mg/kg   Analyst: D   Batch: 2450115	Toluene	ND	0.0250	1	12/12/24	12/13/24	
ND   0.0250   1   12/12/24   12/13/24     wrogate: 4-Bromochlorobenzene-PID   104 %   70-130   12/12/24   12/13/24     Nonhalogenated Organics by EPA 8015D - GRO   mg/kg   mg/kg   Analyst: SL   Batch: 2450107     Gasoline Range Organics (C6-C10)   ND   20.0   1   12/12/24   12/13/24     Wonhalogenated Organics by EPA 8015D - DRO/ORO   mg/kg   mg/kg   Analyst: NV   Batch: 2450107     Sosoline Range Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     Dil Range Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     wrogate: n-Nonane   109 %   50-200   1   12/12/24   12/13/24     Match: 2450115   12/12/24   12/13/24   12/13/24   12/13/24	p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
Out Hylends   Here   Here   Here     hurrogate: 4-Bromochlorobenzene-PID   104 %   70-130   12/12/24   12/13/24     Nonhalogenated Organics by EPA 8015D - GRO   mg/kg   mg/kg   Analyst: SL   Batch: 2450107     Basoline Range Organics (C6-C10)   ND   20.0   1   12/12/24   12/13/24     burrogate: 1-Chloro-4-fluorobenzene-FID   90.3 %   70-130   12/12/24   12/13/24     Nonhalogenated Organics by EPA 8015D - DRO/ORO   mg/kg   mg/kg   Analyst: NV   Batch: 2450099     Disesel Range Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     Dil Range Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     urrogate: n-Nonane   109 %   50-200   12/12/24   12/13/24     Anaions by EPA 300.0/9056A   mg/kg   mg/kg   Malyst: DT   Batch: 2450115	o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO   mg/kg   mg/kg   Analyst: SL   Batch: 2450107     Basoline Range Organics (C6-C10)   ND   20.0   1   12/12/24   12/13/24     uurrogate: 1-Chloro-4-fluorobenzene-FID   90.3 %   70-130   12/12/24   12/13/24     Nonhalogenated Organics by EPA 8015D - DRO/ORO   mg/kg   mg/kg   Analyst: NV   Batch: 2450099     Diesel Range Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     Dil Range Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     uurrogate: n-Nonane   109 %   50-200   12/12/24   12/13/24     Anions by EPA 300.0/9056A   mg/kg   mg/kg   Mg/kg   Analyst: D   Batch: 2450115	Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Standing Control of Contrelation of Control of Control of Control of Control of Control of	Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	12/12/24	12/13/24	
Massing organics (co organics (co organics (co organics by EPA 8015D - DRO/ORO)   mg/kg   mg/kg   Analyst: NV   Batch: 2450099     Diesel Range Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     Dil Range Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     Durrogate: n-Nonane   109 %   50-200   12/12/24   12/13/24     Anions by EPA 300.0/9056A   mg/kg   mg/kg   Malyst: DT   Batch: 2450115	Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450107
Nonhalogenated Organics by EPA 8015D - DRO/ORO   mg/kg   mg/kg   Analyst: NV   Batch: 2450099     Diesel Range Organics (C10-C28)   2570   25.0   1   12/12/24   12/13/24     Dil Range Organics (C28-C36)   1180   50.0   1   12/12/24   12/13/24     hurrogate: n-Nonane   109 %   50-200   12/12/24   12/13/24     Anions by EPA 300.0/9056A   mg/kg   mg/kg   Analyst: DT   Batch: 2450115	Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Objective Construction	Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	12/12/24	12/13/24	
Dil Range Organics (C28-C36) 1180 50.0 1 12/12/24 12/13/24   Durrogate: n-Nonane 109 % 50-200 12/12/24 12/13/24   Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: DT Batch: 2450115	Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV		Batch: 2450099	
In Adalge Organice (626 656)     100       hurrogate: n-Nonane     109 % 50-200     12/12/24     12/13/24       Anions by EPA 300.0/9056A     mg/kg     mg/kg     Analyst: DT     Batch: 2450115	Diesel Range Organics (C10-C28)	2570	25.0	1	12/12/24	12/13/24	
Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: DT Batch: 2450115	Dil Range Organics (C28-C36)	1180	50.0	1	12/12/24	12/13/24	
	Surrogate: n-Nonane		109 %	50-200	12/12/24	12/13/24	
ND     20.0     1     12/13/24     12/13/24	Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450115
	Chloride	ND	20.0	1	12/13/24	12/13/24	

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Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number		on Draw Unit 153 58-0007	θH		Reported:
Plains TX, 79355-0247	Project Manag		Gomez			12/13/2024 3:17:57PM
		S4-2'				
		E412092-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ithylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		102 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450099	
Diesel Range Organics (C10-C28)	71.1	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	89.6	50.0	1	12/12/24	12/13/24	
urrogate: n-Nonane		108 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115
Chloride						

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Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	ΒH		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Gio	Gomez			12/13/2024 3:17:57PM
		S4-3'				
	-	E412092-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: NV		Batch: 2450099	
Diesel Range Organics (C10-C28)	64.4	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	60.9	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ampie D	ala			
Pima Environmental Services-Carlsbad	Project Name		on Draw Unit 15	53Н		D ( )
PO Box 247	Project Numb		58-0007			<b>Reported:</b> 12/13/2024 3:17:57PM
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 3:17:57PM
		S4-4'				
		E412092-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2450107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	



# **QC Summary Data**

		<b>~</b>		v					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw Ur 058-0007 io Gomez	nit 153H				<b>Reported:</b> 12/13/2024 3:17:57PM
		Volatile O	rganics b	oy EPA 802	21 <b>B</b>				Analyst: SL
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 (2450107-BLK1)							Prepared: 1	2/12/24	Analyzed: 12/12/24
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	7.67		8.00		95.9	70-130			
LCS (2450107-BS1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Benzene	5.93	0.0250	5.00		119	70-130			
Ethylbenzene	5.66	0.0250	5.00		113	70-130			
Toluene	5.81	0.0250	5.00		116	70-130			
o-Xylene	5.67	0.0250	5.00		113	70-130			
p,m-Xylene	11.5	0.0500	10.0		115	70-130			
Total Xylenes	17.2	0.0250	15.0		114	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			
LCS Dup (2450107-BSD1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Benzene	5.28	0.0250	5.00		106	70-130	11.7	20	
Ethylbenzene	5.06	0.0250	5.00		101	70-130	11.3	20	
Toluene	5.17	0.0250	5.00		103	70-130	11.6	20	
o-Xylene	5.05	0.0250	5.00		101	70-130	11.6	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	11.0	20	
Total Xylenes	15.4	0.0250	15.0		102	70-130	11.2	20	
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			



# **QC Summary Data**

		QU N			•				
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 153H				<b>Reported:</b> 12/13/2024 3:17:57PM
	No	onhalogenated (			15D - GI	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2450107-BLK1)							Prepared: 1	2/12/24	Analyzed: 12/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.4	70-130			
LCS (2450107-BS2)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			
LCS Dup (2450107-BSD2)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130	2.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			



# **QC Summary Data**

		$\chi \sim \sim$							
Pima Environmental Services-Carlsbad		Project Name:	С	otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	01	058-0007					-
Plains TX, 79355-0247		Project Manager:	G	io Gomez					12/13/2024 3:17:57PM
	Nonh	alogenated Org	anics 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 (2450099-BLK1)							Prepared: 12	2/12/24 A	Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.6		50.0		119	50-200			
LCS (2450099-BS1)							Prepared: 12	2/12/24 A	Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	58.4		50.0		117	50-200			
LCS Dup (2450099-BSD1)							Prepared: 12	2/12/24 A	Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	289	25.0	250		116	38-132	0.403	20	
Surrogate: n-Nonane	59.3		50.0		119	50-200			



# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ui )1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:		Gio Gomez					12/13/2024 3:17:57PM
		Anions l	by EPA	300.0/9056A	1				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 (2450115-BLK1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450115-BS1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2450115-BSD1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110	0.00818	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.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 15:17

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
TIOJCCC	monitio

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#### Chain of Custody

roject Informa	tion								Chain o	f Custody	1												F	Page	i of N
Client: Pima E Project: ()) Project Manage Address: 5614	er: Gi	o Gom	lez	ces 63 H		Attention Address: City, Stat						wo#	ها 190	b Usi Z	A dol	iumi T-D	ber 001 d Met	1 hod	D 2 K	D	TAT 3D	Stand	ard	EPA P CWA	rogram SDWA RCRA
City, State, Zip Phone: 806-71 Email: gio@r Report due by:	Hobb 32-11 bimao	os. NM 51	1. 88240		The second	Phone: Email:	roject #	1-3	602-3	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021		Metais 6010	Chloride 300.0			NM DO	栓		× Z		State UT AZ	
Time Date Sampled Sampl	ed 🏻	Vatrix	No. of Containers	Sample ID	<u> </u>	^				Number	DRO/	GRO/	втех	N N N	Meta	Chlor				BGDOC		+	<u></u>	Remarks	
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Relinguished by:		ure)	les 12 Dat		IUS Firme		eved by: (S	H.	59.1	Date		Time	61	<u>&gt;</u>	12	<u> </u>	<u> </u>	<u></u>	T2			_ 13			
c Some	Å.		and the second	.n.ry	22	usk	sitt	in Th	an	Contain				)			np °C		, das	<u> </u>					
Sample Matrix: S - S Note: Samples ar	e discar	ded 30 d	lavs after r	Aqueous, O - Ot results are repo received by th	rted unles	s other ar	rangements	s are made	e. Hazardous	samples w	ill be r	eturne	d to c	lient o	or disp	osed (	of at the	e clien	t exp	ense.	There	port for	the ana	lysis of th	e above

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**Project Information** 

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#### Chain of Custody

lient: Pima Envi	ironment	tal Servi	ces		<b>T</b>		Bill To			•	La	b Us	é Qnl	X				TA	T		EPA P	rogram
roject: Cotton	Iraw Un	11++193	4			tion: Deu	$\overline{00}$		Lab V	WO#			OD N	umb	er	1D	2D	3D	Stan	dard	CWA	SDWA
roject Manager:	<b>Gio Gor</b>	<u>nėz</u>			Addre	255:			EL	12	04	<b>Z</b> \$	10	\$ 8'	ωJ	<b>V</b> X	1					
ddress: 5614 N.	Lovingt	<u>on Hwy.</u>				State, Zip		<u></u>		•••			Analys	is and	d Metho	<u>d</u>		r				RCRA
ity, State, Zip Ho		<u>M. 88240</u>	2	- Torres	<u>Phon</u>	le:											l		1	eri en else	Ctata	1
hone: 806-782-			<u></u>	5.	Emai				510	5									81		State	
mail: gio@pim	aoil.com	<u> </u>			Pim	a Project #	1-302-3	)	Ã	À	021	9	2	ğ		Σ	Ĕ	1 1				<u> '^</u>
leport due by:		1						Lab	l B	DRO	by 8	oy 82	15 60	ide 3					P			Ll
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID					Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks	
1:53 12/11	S		53.5	Surfi	ke			1(								X	•					
9:57			53-	1				12														
9:59	T		- 53-	2'				13														
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10:30			54-	Z'				18														
10:36			54-8	3'				19														
10:39			54-1	4'				20														
Additional Instru		٩	Billing	Ħ		165284																
, (field sampler), attest		y and authe	nticity of this sa	mple. I a		nat tampering with	or intentionally mislab	elling the samp	le locat	tion,					ring therm at an avg le						they are samp avs.	oled or receiv
date or time of collectio				is for lega	l action.		oled by:			1-			-									······································
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Jahren M		n	1.12.24	22	45	V A.H	: Ma	12.13		118	su	<u>ر</u>		Ten		ा ।					8	
Sample Matrix: S - Soil,	Sd - Solid, Sg	- Sludge, A	- Aqueous, O - O	ther		and	M MUN	Contain	er Typ	be:g-	glass	5, <b>P</b> - F	ooly/p	lastic	, ag - an	iber g	lass, v	- VOA				
Note: Samples are di	scarded 30	days after	results are rep	orted u	nless oth	er arrangements a	are made. Hazardo	us samples wi	ll be r	eturne	ed to c	lient c	or disp	osed o	of at the c	lient e	xpense	e. The	report fo	or the an	alysis of th	e above
samples is applicable	only to the	ose sample	s received by t	he labor	atory wit	h this COC. The li	iability of the laborat	ory is limited	to the	amou	int pa	id for	on the	repor	L							<u>-</u>
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#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Dat	te Received:	12/13/24	08:00	Work Order ID: E412092
Phone:	(575) 631-6977 Da	te Logged In:	12/12/24	14:33	Logged In By: Caitlin Mars
Email:		e Date:	12/13/24	17:00 (0 day TAT)	
Chain (	of Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match t	he COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was	the COC complete, i.e., signatures, dates/times, requested	analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	e Turn Around Time (TAT)				
	he COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample	e Cooler				provided on COC. Project Cotton Draw
7. Was	a sample cooler received?		Yes		Unit #153H has been separated into 7
8. If yes	s, was cooler received in good condition?		Yes		reports. WO are E412092 to E412098.
9. Was	the sample(s) received intact, i.e., not broken?		Yes		reports. We are 1412072 to 1412070.
10. Wei	re custody/security seals present?		No		
11. If ye	es, were custody/security seals intact?		NA		
12. Was	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes		
13. If n	minutes of sampling o visible ice, record the temperature. Actual sample tem	perature: <u>4°</u>	<u>C</u>		
	e Container				
	aqueous VOC samples present?		No		
15. Are	VOC samples collected in VOA Vials?		NA		
16. Is tł	ne head space less than 6-8 mm (pea sized or less)?		NA		
17. Was	s a trip blank (TB) included for VOC analyses?		NA		
18. Are	non-VOC samples collected in the correct containers?		Yes		
19. Is th	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field L	abel				
20. Wei	re field sample labels filled out with the minimum informa	ition:			
	Sample ID? Date/Time Collected?		Yes		
	Collectors name?		Yes No		
	e Preservation		INU		
-	es the COC or field labels indicate the samples were preser	rved?	No		
	sample(s) correctly preserved?		NA		
	ab filteration required and/or requested for dissolved metal	ls?	No		
Multip	hase Sample Matrix				
	es the sample have more than one phase, i.e., multiphase?		No		
	es, does the COC specify which phase(s) is to be analyzed	?	NA		
Subcon	itract Laboratory				
28. Are	samples required to get sent to a subcontract laboratory?		No		
29. Was	s a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab	v: NA
	Instruction				

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



envirotech Inc.





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 153H

Work Order: E412093

Job Number: 01058-0007

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/13/24

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: 12/13/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E412093 Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Cotton Draw Unit 01058-0007 Gio Gomez	153H	<b>Reported:</b> 12/13/24 16:01
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
55- Surface	E412093-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
55-1'	E412093-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
35-2'	E412093-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
35-3'	E412093-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
35-4'	E412093-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
66-Surface	E412093-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
66-1'	E412093-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
6-2'	E412093-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
6-3'	E412093-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
6-4'	E412093-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S7-Surface	E412093-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
\$7-1'	E412093-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
\$7-2'	E412093-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
37-3'	E412093-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
37-4'	E412093-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW1- Surface	E412093-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W1-1'	E412093-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W1-2'	E412093-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W1-3'	E412093-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW1-4'	E412093-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.



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Pima Environmental Services-Carlsbad	Project Name	:: Cot	on Draw Unit 15.	3Н		
PO Box 247	Project Numb	ber: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/13/2024 4:01:48PI
		S5- Surface				
		E412093-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/OR(	0 mg/kg	mg/kg	ng/kg Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	50.0	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	64.7	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		84.8 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450116
Chloride	45.4	20.0	1	12/13/24	12/13/24	
Chloride	45.4	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 15	3Н				
PO Box 247	Project Numbe	Project Number: 01058-0007						
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 4:01:48PM		
		S5-1'						
		E412093-02						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2450108		
Benzene	ND	0.0250	1	12/12/24	12/13/24			
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24			
Toluene	ND	0.0250	1	12/12/24	12/13/24			
p-Xylene	ND	0.0250	1	12/12/24	12/13/24			
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24			
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24			
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	12/12/24	12/13/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2450108		
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	12/12/24	12/13/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: NV		Batch: 2450098			
Diesel Range Organics (C10-C28)	2580	25.0	1	12/12/24	12/13/24			
Oil Range Organics (C28-C36)	1190	50.0	1	12/12/24	12/13/24			
Surrogate: n-Nonane		110 %	50-200	12/12/24	12/13/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450116		
Chloride	410	20.0	1	12/13/24	12/13/24			



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Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 15			
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 4:01:48PM
		S5-2'				
		E412093-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Foluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	63.1	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	68.1	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		110 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450116
Chloride	358	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name:	: Cott	on Draw Unit 15.	3H		
PO Box 247	Project Numb	er: 0105	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 4:01:48PM
		<b>S5-3'</b>				
		E412093-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	88.0	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	84.7	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450116
Chloride	1000	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name:		on Draw Unit 153 58-0007	ЗН		Depented
PO Box 247 Plains TX, 79355-0247	Project Number: Project Manager:		Gomez		<b>Reported:</b> 12/13/2024 4:01:48PM	
Trains 177, 7955-0247	T Tojeet Manag	gei. 010	Gomez			12/13/2021 1.01.101.1
		<b>S5-4'</b>				
		E412093-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
urrogate: n-Nonane		102 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450116
Chloride	156	20.0		12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 010	on Draw Unit 15 58-0007 Gomez	3Н		<b>Reported:</b> 12/13/2024 4:01:48PM
		S6-Surface				
		E412093-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Foluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450098	
Diesel Range Organics (C10-C28)	49.5	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	54.7	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		99.8 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450116
Chloride	60.7	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 1	53Н		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manage	er: Gio	Gomez			12/13/2024 4:01:48PM
		S6-1'				
	]	E412093-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	vst: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	0.0281	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		84.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	vst: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	3360	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	1470	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	vst: DT		Batch: 2450116
Chloride	458	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	H		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 4:01:48PM
		S6-2'				
		E412093-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		98.9 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450116
Chloride	333	20.0	1	12/13/24	12/13/24	

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Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	H			
PO Box 247	Project Numbe		58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/13/2024 4:01:48PM	
		S6-3'					
		E412093-09					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108	
Benzene	ND	0.0250	1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24		
Toluene	ND	0.0250	1	12/12/24	12/13/24		
p-Xylene	0.0252	0.0250	1	12/12/24	12/13/24		
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24		
Fotal Xylenes	0.0252	0.0250	1	12/12/24	12/13/24		
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2450108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450098		
Diesel Range Organics (C10-C28)	79.2	25.0	1	12/12/24	12/13/24		
Dil Range Organics (C28-C36)	108	50.0	1	12/12/24	12/13/24		
Surrogate: n-Nonane		112 %	50-200	12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450116	
Chloride	982	20.0	1	12/13/24	12/13/24		



	56	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 15	3Н		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: G10	Gomez			12/13/2024 4:01:48PM
		S6-4'				
		E412093-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
foluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		107 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450116
Chloride	170	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name		on Draw Uni	t 153H		
PO Box 247	Project Numb		58-0007			<b>Reported:</b> 12/13/2024 4:01:48PM
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/13/2024 4:01:48PM
		S7-Surface				
		E412093-11				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV		Batch: 2450098	
Diesel Range Organics (C10-C28)	124	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	156	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: DT		Batch: 2450116
Chloride	64.0	20.0	1	12/13/24	12/13/24	



	Sa	imple D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 15			
PO Box 247	Project Numbe	r: 010:	01058-0007 Gio Gomez			Reported:
Plains TX, 79355-0247	Project Manage	er: Gio				12/13/2024 4:01:48PM
		S7-1'				
	]	E412093-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	z/kg Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	2820	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	1450	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: DT			Batch: 2450116
Chloride	406	20.0	1	12/13/24	12/13/24	


	Di	ampie D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 15	3Н		
PO Box 247	Project Numbe	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	er: Gio	Gomez			12/13/2024 4:01:48PM
		S7-2'				
		E412093-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Foluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450116
Chloride	356	20.0	1	12/13/24	12/13/24	



	6	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	on Draw Unit 153 58-0007 Gomez	3H		<b>Reported:</b> 12/13/2024 4:01:48PM		
		<b>S7-3'</b>				
		E412093-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
thylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
otal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
'urrogate: n-Nonane		113 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	Batch: 2450116					
Chloride	938	20.0	1	12/13/24	12/13/24	



	0	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name		on Draw Unit 15	53Н		Reported:
PO Box 247 Plains TX, 79355-0247	Project Numb Project Mana		58-0007 Gomez	12/13/2024 4:01:48PM		
Plains 1A, 79355-0247	Project Mana	ger: Gio	Gomez			12/13/2024 4.01.401 W
		<b>S7-4'</b>				
		E412093-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		123 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2450116
Chloride	161	20.0	1	12/13/24	12/13/24	



	impic D	uta									
Project Name:			ЗН		D (1						
5			<b>Reported:</b> 12/13/2024 4:01:48PM								
Project Manage	er: G10	Gomez			12/15/2024 4:01:48PM						
SW1- Surface											
]	E412093-16										
	Reporting										
Result	Limit	Dilution	Prepared	Analyzed	Notes						
mg/kg	mg/kg	Analys	t: SL		Batch: 2450108						
ND	0.0250	1	12/12/24	12/13/24							
ND	0.0250	1	12/12/24	12/13/24							
ND	0.0250	1	12/12/24	12/13/24							
ND	0.0250	1	12/12/24	12/13/24							
ND	0.0500	1	12/12/24	12/13/24							
ND	0.0250	1	12/12/24	12/13/24							
	88.2 %	70-130	12/12/24	12/13/24							
mg/kg	mg/kg	Analys	t: SL		Batch: 2450108						
ND	20.0	1	12/12/24	12/13/24							
	94.0 %	70-130	12/12/24	12/13/24							
mg/kg	mg/kg	Analys	t: NV		Batch: 2450098						
ND	25.0	1	12/12/24	12/13/24							
ND	50.0	1	12/12/24	12/13/24							
		50 200	12/12/24	12/13/24							
	110 %	50-200	12/12/24	12/13/21							
mg/kg	110 % mg/kg	30-200 Analys		12/13/21	Batch: 2450116						
	Project Name: Project Numbe Project Manage SV ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:       Cott         Project Number:       0102         Project Manager:       Gio         SW1-Surface       E412093-16         E412093-16       Imit         mg/kg       mg/kg         MD       0.0250         ND       20.0         g/kg       mg/kg         mg/kg       mg/kg         MD       20.0         94.0 %       100         25.0       ND         ND       25.0         ND       50.0	Project Number:     01058-0007       Project Manager:     Gio Gomez       SW1- Surface       E412093-16       E412093-16       Result     Limit     Dilution       mg/kg     mg/kg     Analys       MD     0.0250     1       ND     20.0     1       Mg/kg     mg/kg     Analys       MD     20.0     1       Mg/kg     mg/kg     Analys       ND     25.0     1       ND     25.0     1       ND     50.0     1 </td <td>I conton braw Unit 153H       Project Number:     01058-0007       Project Manager:     Gio Gomez       SW1-Surface       E412093-16       Result     Dilution     Prepared       mg/kg     mg/kg     Analyst: SL       ND     0.0250     1     12/12/24       ND     20.0     1     12/12/24       MD     20.0     1     12/12/24       MD     20.0     1     12/12/24       MD     20.0     1     12/12/24       &lt;</td> <td>Project Name:     Cotton Draw Unit 153H       Project Number:     01058-0007       Project Manager:     Gio Gomez       SW1-Surface       Result     Surface       Reporting       Result     Limit     Dilution     Prepared     Analyzed       mg/kg     mg/kg     Analyst: SL     V       ND     0.0250     1     12/12/24     12/13/24       MD     0.0250     1     12/12/24     12/13/24       MD     20.0     1     12/12/24     12/13/24       MD     20.0     1     12/12/24     12/13/24</td>	I conton braw Unit 153H       Project Number:     01058-0007       Project Manager:     Gio Gomez       SW1-Surface       E412093-16       Result     Dilution     Prepared       mg/kg     mg/kg     Analyst: SL       ND     0.0250     1     12/12/24       ND     20.0     1     12/12/24       MD     20.0     1     12/12/24       MD     20.0     1     12/12/24       MD     20.0     1     12/12/24       <	Project Name:     Cotton Draw Unit 153H       Project Number:     01058-0007       Project Manager:     Gio Gomez       SW1-Surface       Result     Surface       Reporting       Result     Limit     Dilution     Prepared     Analyzed       mg/kg     mg/kg     Analyst: SL     V       ND     0.0250     1     12/12/24     12/13/24       MD     0.0250     1     12/12/24     12/13/24       MD     20.0     1     12/12/24     12/13/24       MD     20.0     1     12/12/24     12/13/24						



	0	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Draw Unit 1: 58-0007	53H		Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez	12/13/2024 4:01:48PM		
		SW1-1'				
		E412093-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		108 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450116
Chloride	432	20.0	1	12/13/24	12/13/24	



	5		ata								
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	ton Draw Unit 15. 58-0007 Gomez	3H		<b>Reported:</b> 12/13/2024 4:01:48PM					
SW1-2'											
		E412093-18									
		Reporting									
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes					
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108					
Benzene	ND	0.0250	1	12/12/24	12/13/24						
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24						
Toluene	ND	0.0250	1	12/12/24	12/13/24						
p-Xylene	ND	0.0250	1	12/12/24	12/13/24						
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24						
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24						
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	12/12/24	12/13/24						
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108					
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24						
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	12/12/24	12/13/24						
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450098					
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24						
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24						
Surrogate: n-Nonane		111 %	50-200	12/12/24	12/13/24						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450116					
Chloride	387	20.0	1	12/13/24	12/13/24						



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	ton Draw Unit 15 58-0007 Gomez	3Н		<b>Reported:</b> 12/13/2024 4:01:48PM		
		SW1-3'				
		E412093-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450116
Chloride	939	20.0	1	12/13/24	12/13/24	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	on Draw Unit 15 58-0007 Gomez	<b>Reported:</b> 12/13/2024 4:01:48PM		
		SW1-4'				
		E412093-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
thylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
urrogate: n-Nonane		106 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450116
Chloride	168	20.0	1	12/13/24	12/13/24	



# **QC Summary Data**

		<b>~</b>		v					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw Ur 058-0007 io Gomez	nit 153H				<b>Reported:</b> 12/13/2024 4:01:48PM
		Volatile O	rganics b				Analyst: SL		
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 (2450108-BLK1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
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	7.00		8.00		87.4	70-130			
LCS (2450108-BS1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Benzene	4.89	0.0250	5.00		97.9	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.7	70-130			
Toluene	4.80	0.0250	5.00		96.1	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.52	0.0500	10.0		95.2	70-130			
Total Xylenes	14.2	0.0250	15.0		94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.98		8.00		87.2	70-130			
LCS Dup (2450108-BSD1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Benzene	4.97	0.0250	5.00		99.5	70-130	1.63	20	
Ethylbenzene	4.76	0.0250	5.00		95.2	70-130	1.61	20	
Toluene	4.88	0.0250	5.00		97.6	70-130	1.58	20	
o-Xylene	4.73	0.0250	5.00		94.6	70-130	1.42	20	
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130	1.32	20	
Total Xylenes	14.4	0.0250	15.0		95.8	70-130	1.35	20	
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.2	70-130			



# **QC Summary Data**

		QU D	u	ary Dau	4				
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 153H				<b>Reported:</b> 12/13/2024 4:01:48PM
	No	onhalogenated C	Organic	s by EPA 801	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
	6 6	00	6 6				,,,		
Blank (2450108-BLK1)							Prepared: 1	12/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			
LCS (2450108-BS2)							Prepared: 1	12/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			
LCS Dup (2450108-BSD2)							Prepared:	12/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.2	70-130	0.121	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			



# **QC Summary Data**

		$\chi \sim \sim$	••••••						
Pima Environmental Services-Carlsbad		Project Name:	(	Cotton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	(	01058-0007					
Plains TX, 79355-0247		Project Manager	: (	Gio Gomez					12/13/2024 4:01:48PM
	Nonh	alogenated Org	ganics by	7 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 (2450098-BLK1)							Prepared: 1	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.0		50.0		120	50-200			
LCS (2450098-BS1)							Prepared: 1	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	58.1		50.0		116	50-200			
LCS Dup (2450098-BSD1)							Prepared: 1	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132	2.24	20	

50.0

117

50-200

58.3

Surrogate: n-Nonane



# **QC Summary Data**

		<u> </u>		v					
Pima Environmental Services-Carlsbad		Project Name:		Cotton Draw Ui	nit 153H				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	(	Bio Gomez					12/13/2024 4:01:48PM
		Anions	by EPA	300.0/9056A	١				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 (2450116-BLK1)							Prepared: 12	2/12/24	Analyzed: 12/12/24
Chloride	ND	20.0							
LCS (2450116-BS1)							Prepared: 12	2/12/24	Analyzed: 12/12/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2450116-BSD1)							Prepared: 12	2/12/24	Analyzed: 12/12/24
Chloride	251	20.0	250		100	90-110	0.120	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.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 16:01

ng limit
1

- 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** 

Released to Imaging: 3/13/2025 1:47:01 PM

#### Chain of Custody

ect Information	Chain of Custody												Page	<u>}</u> of_[	5
ect Manager: Gio Gomez	Bill To ntion: Deucn ress: State, Zip	124	vo# (2.0	Lab 93	Use K C Ar	聞 Nu オロS	mber 80051 and Meth	<b>X</b>	2D	TAT 3D	Star	ndard	EPA P CWA	SDWA RCRA	
State, Zip       Hobbs. NM. 88240       Pho         ne:       806-782-1151       Em	na Project # 1-302-3	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010 Chlorido 200 0		XC NM	ž		Г	vm co	State UT AZ	TX	
me Date Matrix No. of Containers Sample ID	Lab Number	DRO/	GRO/	BTEX	Š	Metal		K BGDOC	BGDOC		$\rightarrow$		Remarks	; 	_
42 12/11 5 55-Surf	nee 1						++	4	1		_				_
:46           55-1'	2			_											_
:51 95-21	3														
:54 55-3'	4														_
·ca 55-4'	5														
:02 Slo-Sur /2	<i>ic</i> 6														_
:07 56-1'	1														
11 56-2'	8														
:16 56-3'	9														7
:19 S6-4'	10							Π							1
ditional Instructions: hilliNtt Z	165284	·······					requiring therm	al access		wet he rec	celued o	a iso the day	that are ear	alad or socoing	
Id sampler), attest to the validity and authenficity of this sample. I am aware or time of collection is considered fraud and may be grounds for legal action.	Sampled by:						ice at an avg lo		ve 0 but	ess than 6	6 °C on s				
nquished by: (Signature) Date Time	Received by: (Signature) Muchille Gonzales 12 12 Received by (Signature) Beceived by (Signature)	24	Time	400	2	Recei	ved on ice	» <sup>،</sup> (	Y I	Jse On N	ıγ				
June le Gonzales Date 72-72-24 [4]5	12.17	1.24		615		TI.		Ľ				T			
ple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Received by: (Signature) Caitlin Marn 12.3 Containe	er Type		glass,	p - po	oly/pla	<b>lemp <sup>o</sup>C</b> stic, ag - ar	н nber g	lass, v	- VOA					
te: Samples are discarded 30 days after results are reported unless of hples is applicable only to those samples received by the laboratory w	er arrangements are made. Hazardous samples wil	ll be ret	turned	d to clie	ent or	dispos	ed of at the	client e	xpense	e. The r	report	for the ar	alysis of th	e above	1

Dines Fred		al Sontia	<u> </u>	Bill To				Lat	Use	Only	1			TAT			rogram
ent: Pima Envi	) Irau	Unit	#1931	Attention: Deucn		Lap V	NO	93		BN	Umber	10	2D	3D	Standard	CWA	SDW
oiect Manager:	Gío Gon	nez	/ ·	Address:		EY	IZC	R C	>		is and Metho	ц <u>х</u> л				<u> </u>	RCR
dress: 5614 N.				<u>City, State, Zip</u> Phone:		├т				laiys		Ĩ		Т			
ty, <u>State</u> , <u>Zip</u> Ho none: 806-782-		1. 88240		Email:		ี ๆ	ង									State	
nail: gio@pim	aoil.com	 }			2	y 8015	y 8015	7			8	N N	J			UT AZ	
port due by:				Pima Project # 1-302-		- ž	å g	× 80	V 826	Ğ	de M		ې د		X		
Time Date ampled Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC			Remarks	;
1:22 12/11	3		57-Sur	face	N							X					<u></u>
1:25	11		57-1'		IZ							]]					
:28			57-2'		13												
1:36		<u> </u> .	87-3'		14								1				
1:41			57-4'		15												
1:49		1	5W1-Su SW1-1	orface	16												
11:56	$\uparrow \uparrow$		Sul-1	-	17								1				
11:58			Sw1-2'		18												
2:01			5w1-3'		19												
12:05	+ +		SW1-4		20												
Additional Instru				Billing# 2	11652						les requiring thera	ر بر	untion of	nurt ha re	criwed on Ico the d	au they are can	noled at re
, (field sampler), attes	to the validi	ty and authen	ticity of this sample. I an	n aware that tampering with or intentionally mi	islabellingthe sam	ple loca	ition,			packe	ies requiring them id in ice at an avg t	lemp abo	vacion i ve 0 but	less than	6°C on subsequen	t days.	lipica of re
		red fraud and Oat	may be grounds for lega	action. <u>Sampled by:</u> Received by: (Signature)	Date		/ Tim	e		1			Jab I	Jse Oi	nty		
Relinquished by: (Si	Haml			MA. B. D. Cart	Dec. 121	<u>J.J.</u>	<u>†                                     </u>	40	<u>0</u>	Rec	eived on ice	e:' 🕻	الإ	N			
Relinquished by: (Si	zpąture)	0 Dat	212-24 Time	Recoved by: (Signature)	Date	~ ~	Tim	e ///-	<i>(</i>				<b>.</b>		<b>TD</b>		
Michelle	/ <b>_</b>			Receiped by: (Signature)	Date	2.2		e <b>6</b>	2	14	<u></u>	یل		<del>ii 4</del>		<u></u>	•
Relinguished by: (Si	gnature	Dat	.12.24 22		12.12	5-24	18	'n	<b>۱</b>	1	S Temp <sup>9</sup> C.	U.					

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#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Dat	te Received:	12/13/24 (	08:00	Work Order ID: E412093
Phone:	(575) 631-6977 Da	te Logged In:	12/12/24 1	4:39	Logged In By: Caitlin Mars
Email:	gio@pimaoil.com Du	e Date:	12/13/24 1	17:00 (0 day TAT)	
Chain o	f Custody (COC)				
	the sample ID match the COC?		Yes		
	the number of samples per sampling site location match t	the COC	Yes		
	samples dropped off by client or carrier?		Yes	Carrier:	Courier
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	<u>.</u>	
	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	·	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
	the COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample	• •				provided on COC. Project Cotton Draw
	sample cooler received?		Yes		Unit #153H has been separated into 7
8. If yes,	, was cooler received in good condition?		Yes		reports. WO are E412092 to E412098.
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		reports. WO are L+12092 to L+12098.
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample tem	perature: <u>4</u> °	<u>C</u>		
Sample	<u>Container</u>				
14. Are a	aqueous VOC samples present?		No		
15. Are `	VOC samples collected in VOA Vials?		NA		
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA		
17. Was	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum information of the same second s	ation:	V		
	Sample ID? Date/Time Collected?		Yes Yes		
	Collectors name?		Yes No		
<u>Sample</u>	Preservation				
-	s the COC or field labels indicate the samples were preser	rved?	No		
22. Are s	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved metal	ls?	No		
<u>Multiph</u>	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
27. If ye	s, does the COC specify which phase(s) is to be analyzed	1?	NA		
Subcont	tract Laboratory				
28. Are s	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so				

e

Date

envirotech Inc.

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

•





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 153H

Work Order: E412094

Job Number: 01058-0007

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/13/24

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: 12/13/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E412094 Date Received: 12/13/2024 8:00:04AM

Gio Gomez,



The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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Sample	Summary
Sumple	Summury

		Sample Sum	mary				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Cotton Draw Unit 01058-0007 Gio Gomez	153H	<b>Reported:</b> 12/13/24 15:21		
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
W2- Surface	E412094-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W2-1'	E412094-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W2-2'	E412094-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W2-3'	E412094-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W2-4'	E412094-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W3- Surface	E412094-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W3-1'	E412094-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W3-2'	E412094-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W3-3'	E412094-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W3-4'	E412094-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W4- Surface	E412094-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W4- 1'	E412094-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W4-2'	E412094-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W4-3'	E412094-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W4-4'	E412094-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W5- Surface	E412094-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W5-1'	E412094-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W5-2'	E412094-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W5-3'	E412094-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		
W5-4'	E412094-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.		



		ampie D					
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw U	nit 153H	ł		
PO Box 247	Project Num	ber: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez	12/13/2024 3:21:40PM			
	Ś	SW2- Surface	•				
		E412094-01					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250	1	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	I	12/13/24	12/13/24	
Toluene	ND	0.0250	1	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	12/12/24	12/13/24	
Surrogate: n-Nonane		108 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450117
Chloride	ND	20.0	1	1	12/13/24	12/13/24	





# **Sample Data**

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Init 153	Н		
PO Box 247	Project Numl		58-0007	Reported:			
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez	12/13/2024 3:21:40PM			
		SW2-1'					
		E412094-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	enated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV			Batch: 2450100			
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		107 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam		on Draw U	Unit 153	Н		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Man	ager: Gio	Gomez	12/13/2024 3:21:40PM			
		SW2-2'					
		E412094-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



### Sample Data

	D	ample D	uu					
Pima Environmental Services-Carlsbad	Project Name		on Draw U					
PO Box 247	Project Number: 01058-0007						Reported:	
Plains TX, 79355-0247	Project Mana	ger: Gio		12/13/2024 3:21:40PM				
		SW2-3'						
		E412094-04						
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109	
Benzene	ND	0.0250		1	12/13/24	12/13/24		
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24		
Toluene	ND	0.0250		1	12/13/24	12/13/24		
p-Xylene	ND	0.0250		1	12/13/24	12/13/24		
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24		
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24		
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		12/13/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2450109	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24		
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		12/13/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24		
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24		
Surrogate: n-Nonane		107 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450117	
Chloride	ND	20.0		1	12/13/24	12/13/24		



# Sample Data

	2	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw I	Unit 153	Н		
PO Box 247	Project Numb		58-0007		Reported:		
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/13/2024 3:21:40PM
		SW2-4'					
		E412094-05					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		110 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



	~	ampic D					
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw I	Unit 153	Н		
PO Box 247	Project Numb	er: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				12/13/2024 3:21:40PM
	S	W3- Surface					
		E412094-06					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
o-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	5	ample D	uca				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	Н		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/13/2024 3:21:40PM
		SW3-1'					
		E412094-07					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		104 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Unit 1531	Н		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				12/13/2024 3:21:40PM
		SW3-2'					
		E412094-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	D	ample D	uca				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	Н		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/13/2024 3:21:40PM
		SW3-3'					
		E412094-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	74.5	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		116 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	~	bample D					
Pima Environmental Services-Carlsbad	Project Nam	e: Cott					
PO Box 247	Project Num	ect Number: 01058-0007					Reported:
Plains TX, 79355-0247	Project Man		12/13/2024 3:21:40PM				
		SW3-4'					
		E412094-10					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		113 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



		impic D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manage	er: 010:	on Draw U 58-0007 Gomez	Unit 1531	Н		<b>Reported:</b> 12/13/2024 3:21:40PM
	SV	W4- Surface	!				
	]	E412094-11					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
o-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		114 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **Sample Data**

	D	ample D	uu					
Pima Environmental Services-Carlsbad	Project Name	Project Name: Cotton Draw Unit 153H						
PO Box 247	Project Numb		58-0007				Reported:	
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/13/2024 3:21:40PM	
		SW4-1'						
		E412094-12						
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109	
Benzene	ND	0.0250		1	12/13/24	12/13/24		
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24		
Toluene	ND	0.0250		1	12/13/24	12/13/24		
-Xylene	ND	0.0250		1	12/13/24	12/13/24		
,m-Xylene	ND	0.0500		1	12/13/24	12/13/24		
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24		
Surrogate: Bromofluorobenzene		117 %	70-130		12/13/24	12/13/24		
urrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		12/13/24	12/13/24		
urrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24		
Surrogate: Bromofluorobenzene		117 %	70-130		12/13/24	12/13/24		
urrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		12/13/24	12/13/24		
urrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24		
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24		
urrogate: n-Nonane		113 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450117	
Chloride	ND	20.0		1	12/13/24	12/13/24		



# Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw U	Jnit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	12/13/2024 3:21:40PM					
		SW4-2'					
		E412094-13					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
o-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		12/13/24	12/13/24	
urrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		117 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **Sample Data**

	~	sample D	uu				
Pima Environmental Services-Carlsbad	Project Nam						
PO Box 247	Project Number: 01058-0007 Project Manager: Gio Gomez						Reported:
Plains TX, 79355-0247	Project Man	12/13/2024 3:21:40PM					
		SW4-3'					
		E412094-14					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		119 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	2	ample D					
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Init 1531	Η		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				12/13/2024 3:21:40PM
		SW4-4'					
		E412094-15					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		118 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	


		imple D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010:	on Draw U 58-0007 Gomez	Unit 153]	Н		<b>Reported:</b> 12/13/2024 3:21:40PM
	SV	W5- Surface	!				
	]	E412094-16					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		115 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **Sample Data**

		ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 1531	Н		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez	12/13/2024 3:21:40PM			
		SW5-1'					
		E412094-17					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		107 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam		on Draw U	Jnit 153	Н		
PO Box 247	Project Num		Reported:				
Plains TX, 79355-0247	Project Man	ager: Gio	Gomez	12/13/2024 3:21:40PM			
		SW5-2'					
		E412094-18					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		120 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		120 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		108 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **Sample Data**

	L.	bample D	ata			
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Uni	t 153H		
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez	12/13/2024 3:21:40PM		
		SW5-3'				
		E412094-19				
		Reporting	51.4	D 1		
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
-Xylene	ND	0.0250	1	12/13/24	12/13/24	
,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		120 %	70-130	12/13/24	12/13/24	
urrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	12/13/24	12/13/24	
urrogate: Toluene-d8		113 %	70-130	12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		120 %	70-130	12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	12/13/24	12/13/24	
urrogate: Toluene-d8		113 %	70-130	12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
urrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	



# Sample Data

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name	:: Cott	on Draw U	Jnit 153	H		
PO Box 247	Project Numb	ber: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez	12/13/2024 3:21:40PM			
		SW5-4'					
		E412094-20					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2450109
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	BA		Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450117
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **QC Summary Data**

		<b>X</b> 2 2 2		v									
Pima Environmental Services-Carlsbad		Project Name:	Co	otton Draw Ur	nit 153H				Reported:				
PO Box 247		Project Number:	01	1058-0007					•				
Plains TX, 79355-0247		Project Manager:	G	io Gomez				1	2/13/2024 3:21:40PM				
	Volatile Organic Compounds by EPA 8260B								Analyst: BA				
Analyte		Reporting	Spike	Source	D	Rec	DDD	RPD					
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2450109-BLK1)						Ι	Prepared: 12	2/12/24 Ar	nalyzed: 12/12/24				
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	0.596		0.500		119	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130							
Surrogate: Toluene-d8	0.567		0.500		113	70-130							
LCS (2450109-BS1)						I	Prepared: 12	2/12/24 Ar	nalyzed: 12/12/24				
Benzene	2.77	0.0250	2.50		111	70-130							
Ethylbenzene	2.85	0.0250	2.50		114	70-130							
Toluene	2.83	0.0250	2.50		113	70-130							
p-Xylene	3.00	0.0250	2.50		120	70-130							
p,m-Xylene	5.97	0.0500	5.00		119	70-130							
Total Xylenes	8.97	0.0250	7.50		120	70-130							
Surrogate: Bromofluorobenzene	0.610		0.500		122	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130							
Surrogate: Toluene-d8	0.565		0.500		113	70-130							
LCS Dup (2450109-BSD1)						I	Prepared: 12	2/12/24 Ar	nalyzed: 12/12/24				
Benzene	2.61	0.0250	2.50		104	70-130	5.95	23					
Ethylbenzene	2.63	0.0250	2.50		105	70-130	7.93	27					
Toluene	2.64	0.0250	2.50		105	70-130	7.07	24					
p-Xylene	2.80	0.0250	2.50		112	70-130	6.73	27					
p,m-Xylene	5.59	0.0500	5.00		112	70-130	6.67	27					
Total Xylenes	8.39	0.0250	7.50		112	70-130	6.69	27					
Surrogate: Bromofluorobenzene	0.609		0.500		122	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130							

# **QC Summary Data**

		QU DI		ary Dun	•				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Cotton Draw Ur 1058-0007 Gio Gomez	nit 153H			<b>Reported:</b> 12/13/2024 3:21:40PM	
Tailis TA, 7555-0247	No	onhalogenated O			5D - G	RO			
	110	onnanogenated o		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 (2450109-BLK1)							Prepared: 12	2/12/24 A	nalyzed: 12/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.596		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.567		0.500		113	70-130			
LCS (2450109-BS2)							Prepared: 12	2/12/24 A	nalyzed: 12/12/24
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	0.613		0.500		123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.590		0.500		118	70-130			
LCS Dup (2450109-BSD2)							Prepared: 12	2/12/24 A	nalyzed: 12/12/24
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130	0.491	20	
Surrogate: Bromofluorobenzene	0.607		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.579		0.500		116	70-130			



# **QC Summary Data**

				- <b>J</b>					
Pima Environmental Services-Carlsbad		Project Name:	Ce	otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	01	058-0007					•
Plains TX, 79355-0247		Project Manager:	G	io Gomez					12/13/2024 3:21:40PM
	Nonh	alogenated Org	anics 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 (2450100-BLK1)							Prepared: 12	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.9		50.0		114	50-200			
LCS (2450100-BS1)							Prepared: 12	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: n-Nonane	57.3		50.0		115	50-200			
LCS Dup (2450100-BSD1)							Prepared: 12	2/12/24 A	analyzed: 12/12/24
Diesel Range Organics (C10-C28)	266	25.0	250		107	38-132	5.30	20	
Surrogate: n-Nonane	56.9		50.0		114	50-200			



# **QC Summary Data**

Anions by EPA 300.0/9056A     Analyte   Result mg/kg   Reporting Limit   Spike Level   Source Result Result mg/kg   Rec   RPD Limit     Blank (2450117-BLK1)   Prepared: 12/12/24   Analyze     Chloride   ND   20.0   Prepared: 12/12/24   Analyze     LCS (2450117-BS1)   Prepared: 12/12/24   Analyze     LCS Dup (2450117-BSD1)   Prepared: 12/12/24   Analyze			<u> </u>		v					
Anions by EPA 300.0/9056A     Analyte   Result mg/kg   Reporting Limit Level Result Rec   Rec   RPD Limit RPD Limit Reported to the tevel Result Rec     Blank (2450117-BLK1)   Prepared: 12/12/24 Analyz     Chloride   ND   20.0     LCS (2450117-BS1)   Prepared: 12/12/24 Analyz     Chloride   255   20.0   250   102   90-110     LCS Dup (2450117-BSD1)   Prepared: 12/12/24 Analyz			5			nit 153H				Reported:
AnalyteResult mg/kgReporting Limit mg/kgSpike Level mg/kgSource Result mg/kgRec %Rec %RPD %RPD %RPD %Blank (2450117-BLK1)Prepared: 12/12/24 20.0Prepared: 12/12/24 20.0Prepared: 12/12/24 20.0AnalyzChlorideND 20.020.0Prepared: 12/12/24 20.0AnalyzLCS (2450117-BS1)Prepared: 12/12/24 255Prepared: 12/12/24 20.0Prepared: 12/12/24 20.0LCS Dup (2450117-BSD1)Prepared: 12/12/24 20.0Prepared: 12/12/24 	Plains TX, 79355-0247		Project Manager: Gio Gomez							12/13/2024 3:21:40PM
Analyte Limits Level Result Rec Limits RPD Limit   mg/kg <td< td=""><td></td><td></td><td>Anions</td><td>by EPA</td><td>300.0/9056A</td><td><b>L</b></td><td></td><td></td><td></td><td>Analyst: JM</td></td<>			Anions	by EPA	300.0/9056A	<b>L</b>				Analyst: JM
Blank (2450117-BLK1) Prepared: 12/12/24 Analyz   Chloride ND 20.0   LCS (2450117-BS1) Prepared: 12/12/24 Analyz   Chloride 255 20.0 250 102 90-110   LCS Dup (2450117-BSD1) Prepared: 12/12/24 Analyz	Analyte	Result		•		Rec		RPD		
ND     20.0     Prepared: 12/12/24 Analyz       LCS (2450117-BS1)     255     20.0     250     102     90-110       LCS Dup (2450117-BSD1)     Prepared: 12/12/24 Analyz     Prepared: 12/12/24 Analyz		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
LCS (2450117-BS1) Prepared: 12/12/24 Analyz   Chloride 255 20.0 250 102 90-110   LCS Dup (2450117-BSD1) Prepared: 12/12/24 Analyz	Blank (2450117-BLK1)							Prepared: 12	2/12/24 A	Analyzed: 12/13/24
Chloride     255     20.0     250     102     90-110       LCS Dup (2450117-BSD1)     Prepared: 12/12/24 Analyz	Chloride	ND	20.0							
LCS Dup (2450117-BSD1) Prepared: 12/12/24 Analyz	LCS (2450117-BS1)							Prepared: 12	2/12/24 A	Analyzed: 12/13/24
	Chloride	255	20.0	250		102	90-110			
Theorie 254 20.0 250 101 90-110 0.372 20	LCS Dup (2450117-BSD1)							Prepared: 12	2/12/24 A	Analyzed: 12/13/24
	Chloride	254	20.0	250		101	90-110	0.372	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.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 15:21

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.



#### Chain of Custody

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ient: Pir oject: (	ma E	nvir	opme Il rov	$\omega$ ())	ervice ルナク	<u>≠</u> 1531	-	Atte	ntion:	Deu	<u>on</u>		Lab \	NQ#		ar C	AH I	timb	er	1D	2D	3D	Stan	dard	CWA	SDW
oject Ma	anag	er: C	<u> Sio Go</u>	omez					ress:					14	)dr			sis and	001 Metho	<u>1</u> X/						RCR
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mail: g	io@	pima	oil.co	m				Pi	na Projec	t# )	1-302-3		by 8	ו ≿ו	5	ន្ត	5	300.0		ž	¥				01 74	<del> '^ </del>
eport du											000 5	Lab	DRO/ORO by	GRO/DRO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			¥	Remarks	
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#### Chain of Custody

oject Information						Chain of Custody											Page _	·
ent: Pima Enviro	nment	al Service	es		Bill To				Lab	Use Q	nly	N72 6	1D		TAT 3D	Standard	EPA P CWA	rogran
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oject Manager: G Idress: 5614 N. L	io Gorr ovinato	n Hwv.			, State, Zip				4.4	Ana	lysis ar	nd Metho	d					RCR
ty, State, Zip Hob				Pho													State	
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nail: gio@pimad eport due by:	off.com			Pin	na Project # 1- 30	12-3	X0 by	λq Ο	8021	8260	e 300		M	ř		X		
Time Date	Matrix	No. of Containers	Sample ID	<b></b>		Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260 Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remark	S
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r.40			SWS	-3'		19		_						+			<u></u>	
1:49			Sus			Ze												
Additional Instruct				Bi	11ing # 21	16528	<u>ц</u>	tion		Isa	mples rei	quiring therm	al preser	vation m	ust be rec	ceived on ice the	day they are sar	npled or re
, (field sampler), attest to date or time of collection i	the validit	y and autheni od fraud and i	ticity of this sam may be grounds	ple. I am award for legal action	e that tampering with or intentiona . <u>Sampled by:</u>	ary mistabeningue sam								ve 0 but l	ess than 6	i *C on subsequer		
Relinquished by: (Shing		Date		lme	Received by: (Signature)	sales Date	2.24	Time	40	O F	eceivo	ed on ice	. (	1ab L Y)/1	lse On N	lγ .	•	
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Relinduished by: (Signa		Date	e	<sup>Time</sup> 2245	Received by: (Signature)	12.1	-		00		WG T	imp °C	4					
Sample Matrix: S - Soil, So	- Solid, Sg	- Sludge, A -			ther arrangements are made.	Contai	ner Ty	pe: g	glass,	<b>p - pol</b>	y/plast	ic, ag - ar	nber g	Jass, V	- VOA	report for the	analysis of t	he abov

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Da	te Received:	12/13/24 08	3:00	Work Order ID: E412094
Phone:	(575) 631-6977 Da	te Logged In:	12/12/24 14	l:40	Logged In By: Caitlin Mars
Email:	gio@pimaoil.com Du	e Date:	12/13/24 17	7:00 (0 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
	the number of samples per sampling site location match t	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
	ne COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample	•				provided on COC. Project Cotton Draw
	sample cooler received?		Yes		Unit #153H has been separated into 7
8. If yes,	, was cooler received in good condition?		Yes		reports. WO are E412092 to E412098.
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		Teports. WO are E412092 to E412098.
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample tem	perature: <u>4°</u>	<u>'C</u>		
Sample	<u>Container</u>	-			
	aqueous VOC samples present?		No		
15. Are	VOC samples collected in VOA Vials?		NA		
16. Is the	e 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 1	non-VOC samples collected in the correct containers?		Yes		
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	<u>ibel</u>				
	e field sample labels filled out with the minimum information	ation:			
	Sample ID? Date/Time Collected?		Yes		
	Collectors name?		Yes No		
	Preservation		NU		
_	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved meta	ls?	No		
	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
	s, does the COC specify which phase(s) is to be analyzed	1?	NA		
Subcont	tract Laboratory				
	samples required to get sent to a subcontract laboratory?		No		
20. Are 9					



Date

envirotech Inc.

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

•





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 153H

Work Order: E412095

Job Number: 01058-0007

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/13/24

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: 12/13/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E412095 Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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Sample	Summary
Sumpre	Summury

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Cotton Draw Unit 01058-0007 Gio Gomez	153H	<b>Reported:</b> 12/13/24 16:24
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
W6- Surface	E412095-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W6-1'	E412095-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W6-2'	E412095-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W6-3'	E412095-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W6-4'	E412095-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W7- Surface	E412095-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W7-1'	E412095-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W7-2'	E412095-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W7-3'	E412095-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W7-4'	E412095-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W8- Surface	E412095-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W8-1'	E412095-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W8-2'	E412095-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W8-3'	E412095-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W8-4'	E412095-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
1- Surface	E412095-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
1-1'	E412095-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
1-2'	E412095-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
1-3'	E412095-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
1-4'	E412095-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.



	~	umpic D					
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw Un	nit 153H			
PO Box 247	Project Num	ber: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez	12/13/2024 4:24:51PM			
	;	SW6- Surface					
		E412095-01					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RA	S		Batch: 2450110
Benzene	ND	0.0250	1		12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1		12/13/24	12/13/24	
Toluene	ND	0.0250	1		12/13/24	12/13/24	
o-Xylene	ND	0.0250	1		12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1		12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1		12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110	
Gasoline Range Organics (C6-C10)	ND	20.0	1		12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101	
Diesel Range Organics (C10-C28)	ND	25.0	1		12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1		12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1		12/13/24	12/13/24	

# Sample Data



# Sample Data

	2	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Unit 153	H		
PO Box 247	Project Numb		58-0007	Reported:			
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez	12/13/2024 4:24:51PM			
		SW6-1'					
		E412095-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		103 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		103 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	N	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 1531	Н		
PO Box 247	Project Numb		58-0007		Reported:		
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez	12/13/2024 4:24:51PM			
		SW6-2'					
		E412095-03					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		101 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		101 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2450101	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D	uu				
Pima Environmental Services-Carlsbad	Project Name:		on Draw I	Unit 153	H		
PO Box 247	Project Numb		58-0007		<b>Reported:</b> 12/13/2024 4:24:51PM		
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				
		SW6-3'					
		E412095-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	L.	bample D	utu				
Pima Environmental Services-Carlsbad PO Box 247	Project Nam Project Num		on Draw U 58-0007	Jnit 153	Н		Reported:
Plains TX, 79355-0247	Project Man		Gomez	12/13/2024 4:24:51PM			
		SW6-4'					
		E412095-05					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		110 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		impic D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manage	r: 010:	on Draw U 58-0007 Gomez	Unit 1531	Н		<b>Reported:</b> 12/13/2024 4:24:51PM
	SV	W7- Surface					
	]	E412095-06					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw I				
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana		12/13/2024 4:24:51PM				
		SW7-1'					
		E412095-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D	uu				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0105	on Draw U 58-0007 Gomez	Jnit 153]	Н		<b>Reported:</b> 12/13/2024 4:24:51PM
		SW7-2'					
		E412095-08					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Foluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D					
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				12/13/2024 4:24:51PM
		SW7-3'					
		E412095-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		107 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



### Sample Data

	D	ample D	aca				
Pima Environmental Services-Carlsbad PO Box 247	Project Name		on Draw U	Unit 153	H		Reported:
PO Box 247 Plains TX, 79355-0247	Project Num Project Mana	roject Number: 01058-0007 roject Manager: Gio Gomez					12/13/2024 4:24:51PM
Plains 1A, 79555-0247	Project Mana	iger: Gio	Gomez			12/13/2024 4.24.3111	
		SW7-4'					
		E412095-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



		impic D					
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe	r: 0105	on Draw U 58-0007	Jnit 153I	ł		<b>Reported:</b> 12/13/2024 4:24:51PM
Plains TX, 79355-0247	Project Manage	er: G10	Gomez				12/13/2024 4:24:51PM
	SV	W8- Surface					
	]	E412095-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		93.3 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		93.3 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		108 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw I	Unit 153	H		
PO Box 247	Project Number: 01058-0007						Reported:
Plains TX, 79355-0247	Project Mana		12/13/2024 4:24:51PM				
		SW8-1'					
		E412095-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		110 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	L.	bample D	ata					
Pima Environmental Services-Carlsbad	<b>J</b>							
PO Box 247	Project Number: 01058-0007						Reported:	
Plains TX, 79355-0247	Project Mana	ager: Gio		12/13/2024 4:24:51PM				
		SW8-2'						
		E412095-13						
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110	
Benzene	ND	0.0250		1	12/13/24	12/13/24		
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24		
Toluene	ND	0.0250		1	12/13/24	12/13/24		
o-Xylene	ND	0.0250		1	12/13/24	12/13/24		
,m-Xylene	ND	0.0500		1	12/13/24	12/13/24		
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24		
Surrogate: Bromofluorobenzene		96.6 %	70-130		12/13/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24		
urrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450110	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24		
Surrogate: Bromofluorobenzene		96.6 %	70-130		12/13/24	12/13/24		
urrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/13/24	12/13/24		
urrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24		
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24		
Surrogate: n-Nonane		114 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450118	
Chloride	ND	20.0		1	12/13/24	12/13/24		



		ample D	uu				
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num	ber: 0103	on Draw U 58-0007	Unit 153	Н		Reported:
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				12/13/2024 4:24:51PM
		SW8-3'					
		E412095-14					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.4 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		94.4 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		105 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		116 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	r.	bample D	utu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw U	Jnit 153	H		
PO Box 247	Project Number: 01058-0007						Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio		12/13/2024 4:24:51PM			
		SW8-4'					
		E412095-15					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/13/24	12/13/24	
urrogate: Toluene-d8		106 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		12/13/24	12/13/24	
urrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/13/24	12/13/24	
urrogate: Toluene-d8		106 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		117 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		on Draw U 58-0007	Jnit 153I	H		Reported:
Plains TX, 79355-0247	Project Manag		Gomez				12/13/2024 4:24:51PM
	Ι	<b>1- Surface</b>					
	]	E412095-16					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D	uuu				
Pima Environmental Services-Carlsbad	Project Name:		on Draw I	Unit 153	Н		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				12/13/2024 4:24:51PM
		L1-1'					
		E412095-17					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.5 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		95.5 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		104 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		107 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010:	on Draw U 58-0007 Gomez	Unit 153]	Н		<b>Reported:</b> 12/13/2024 4:24:51PM
		L1-2'					
		E412095-18					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		114 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		107 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	


# Sample Data

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw I	Unit 153	Н		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/13/2024 4:24:51PM
		L1-3'					
		E412095-19					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
o-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		110 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D	uu				
Pima Environmental Services-Carlsbad	Project Name:		on Draw I	Unit 153	H		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				12/13/2024 4:24:51PM
		L1-4'					
		E412095-20					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450110
Benzene	ND	0.0250		1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/13/24	12/13/24	
Toluene	ND	0.0250		1	12/13/24	12/13/24	
p-Xylene	ND	0.0250		1	12/13/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/13/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		12/13/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/13/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		113 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450118
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **QC Summary Data**

		QC DI		ii y Data	•				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	01	otton Draw Ur 1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:	G	io Gomez				1	2/13/2024 4:24:51PM
	۲	Volatile Organic	Compo	unds by EP	PA 8260B	6			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 (2450110-BLK1)							Prepared: 12	2/12/24 An	alyzed: 12/12/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			
LCS (2450110-BS1)							Prepared: 12	2/12/24 An	alyzed: 12/12/24
Benzene	2.30	0.0250	2.50		92.0	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.2	70-130			
Toluene	2.39	0.0250	2.50		95.4	70-130			
p-Xylene	2.53	0.0250	2.50		101	70-130			
p,m-Xylene	4.97	0.0500	5.00		99.3	70-130			
Total Xylenes	7.50	0.0250	7.50		99.9	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
LCS Dup (2450110-BSD1)							Prepared: 12	2/12/24 An	alyzed: 12/12/24
Benzene	2.19	0.0250	2.50		87.4	70-130	5.11	23	
Ethylbenzene	2.33	0.0250	2.50		93.2	70-130	3.21	27	
Toluene	2.31	0.0250	2.50		92.3	70-130	3.32	24	
p-Xylene	2.42	0.0250	2.50		96.7	70-130	4.53	27	
p,m-Xylene	4.71	0.0500	5.00		94.1	70-130	5.40	27	
Total Xylenes	7.12	0.0250	7.50		95.0	70-130	5.10	27	
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-150			



# **QC Summary Data**

		QC D		ary Date	4				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Cotton Draw Un )1058-0007 Gio Gomez	iit 153H			1	<b>Reported:</b> 12/13/2024 4:24:51PM
	N	onhalogenated O	rganics	s by EPA 801	[5D - G]	RO			Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2450110-BLK1)							Prepared: 12	2/12/24 Aı	nalyzed: 12/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			
LCS (2450110-BS2)							Prepared: 12	2/12/24 Ai	nalyzed: 12/13/24
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			
LCS Dup (2450110-BSD2)							Prepared: 12	2/12/24 Aı	nalyzed: 12/13/24
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0		107	70-130	4.08	20	
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			



# **QC Summary Data**

		QU D		ary Date					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ui 1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:	C	bio Gomez					12/13/2024 4:24:51PM
	Nonh	alogenated Org	anics 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 (2450101-BLK1)							Prepared: 1	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.0		50.0		114	50-200			
LCS (2450101-BS1)							Prepared: 1	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	56.9		50.0		114	50-200			
LCS Dup (2450101-BSD1)							Prepared: 1	2/12/24 A	nalyzed: 12/12/24
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132	1.50	20	
Surrogate: n-Nonane	57.6		50.0		115	50-200			

# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ur )1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:	(	Gio Gomez					12/13/2024 4:24:51PM
		Anions l	by EPA	300.0/9056A	1				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 (2450118-BLK1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450118-BS1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2450118-BSD1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110	0.0494	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.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 16:24

ND A	nalyte NOT DETECTED at or abo	ove the reporting limit
------	-------------------------------	-------------------------

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

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



#### Chain of Custody

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ient: Pi roject: oject M		Envir n D er:		al Servic N什年 nez	es 53⊬	4	Attention Address:				Lab V E L	NO#	A5		ab N DIOS		51	₽ X	2D	3D	Standa		CWA	SDW RCR
ddress:	561 , Zip 06- 110@	4 N. I Hol 782-1 pima	<u>.ovingt</u> obs. NN 151	on Hwy. 1. 88240		en fransk Henry († 1990 - 199	<u>City, State</u> Phone: Email: Pima Pi		302-3	3 Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Metho	WN	کر بخ				State JT AZ	
Time Sampled	Da Sam	pled	Matrix	No. of Containers	Sample ID		-			Number	DRO/	GRO/	<u>ă</u>	š	Meta	Chlo	+	BGDOC	BGDOC	$\left  - \right $		۲ 	Remarks	
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date or tim Relinquist	e of co	lection	is conside	red fraud and Da	may be groun	is for legal Time	action. Re	Sampled by: eived by: (Signatur Victorie C	Jongales	Date 21	2-24	Tim	<u>40</u>	2	1-		l on ice			Use C N				
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Page 224 of 362

#### Chain of Custody

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Cha			• L. Solid	59-5							A		ыq	ŗa	~	Contain samples w	er Ty	pe: g	glass	5 <b>, p</b> -	poly/	plast	ic, ag -	amb	er gl	lass, v	/ - VO	A			

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Dat	te Received:	12/13/24 0	8:00	Work Order ID: E412095
Phone:	(575) 631-6977 Dat	te Logged In:	12/12/24 1	4:40	Logged In By: Caitlin Mars
Email:	gio@pimaoil.com Du	e Date:	12/13/24 1	7:00 (0 day TAT)	
Chain o	f Custody (COC)				
	the sample ID match the COC?		Yes		
	the number of samples per sampling site location match t	he COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: (	Courier
4. Was ti	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	-	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
	ne COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample	• •				provided on COC. Project Cotton Draw
	sample cooler received?		Yes		Unit #153H has been separated into 7
8. If yes	, was cooler received in good condition?		Yes		reports. WO are E412092 to E412098.
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		$\left  \begin{array}{c} 1 \\ 1 \\ 1 \\ 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample tem	perature: <u>4°</u>	<u>C</u>		
Sample	<u>Container</u>				
14. Are	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La		4			
	e field sample labels filled out with the minimum informa Sample ID?	uion:	Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
<u>Sample</u>	Preservation				
21. Does	s the COC or field labels indicate the samples were presen	ved?	No		
	sample(s) correctly preserved?		NA		
24. Is lal	b filteration required and/or requested for dissolved metal	s?	No		
	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
27. If ye	s, does the COC specify which phase(s) is to be analyzed	?	NA		
Subcont	tract Laboratory				
28. Are	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so		NA		b: NA

Date

envirotech Inc.

Released to Imaging: 3/13/2025 1:47:01 PM





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 153H

Work Order: E412096

Job Number: 01058-0007

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/16/24

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: 12/16/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E412096 Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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Sample	e Summary
Sample	e Summarv

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Cotton Draw Unit 01058-0007 Gio Gomez	153H	<b>Reported:</b> 12/16/24 12:17	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
LN1- Surface	E412096-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LN1-1'	E412096-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LN1-2'	E412096-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LN1-3'	E412096-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LN1-4'	E412096-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LE1-Surface	E412096-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LE1-1'	E412096-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LE1-2'	E412096-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LE1-3'	E412096-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LE1-4'	E412096-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LS1-Surface	E412096-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
_S1-1'	E412096-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LS1-2'	E412096-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LS1-3'	E412096-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LS1-4'	E412096-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LW1-Surface	E412096-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
.W1-1'	E412096-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LW1-2'	E412096-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LW1-3'	E412096-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	
LW1-4'	E412096-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.	



		ampic D				
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw Ur	it 153H		
PO Box 247	Project Numb	oer: 0103	58-0007	Reported:		
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/16/2024 12:17:23PM
	I	LN1- Surface				
		E412096-01				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	4 12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	4 12/13/24	
Toluene	ND	0.0250	1	12/12/24	4 12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	4 12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	4 12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	4 12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130	12/12/24	4 12/13/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130	12/12/24	4 12/13/24	
Surrogate: Toluene-d8		113 %	70-130	12/12/24	4 12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RAS	Batch: 2450111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	4 12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130	12/12/24	4 12/13/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130	12/12/24	4 12/13/24	
Surrogate: Toluene-d8		113 %	70-130	12/12/24	4 12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg	I	Analyst: NV	Batch: 2450102	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	4 12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	4 12/13/24	
Surrogate: n-Nonane		113 %	50-200	12/12/24	4 12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: AK		Batch: 2450119
Chloride	ND	20.0	1	12/13/24	4 12/13/24	

# Sample Data



# Sample Data

	D	ample D	uu					
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H			
PO Box 247	Project Numb			Reported:				
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				12/16/2024 12:17:23PM	
		LN1-1'						
		E412096-02						
		Reporting						
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Benzene	ND	0.0250		1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24		
Toluene	ND	0.0250		1	12/12/24	12/13/24		
p-Xylene	ND	0.0250		1	12/12/24	12/13/24		
p,m-Xylene	ND	0.0500		1	12/12/24	12/13/24		
Total Xylenes	ND	0.0250		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24		
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24		
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119	
Chloride	ND	20.0		1	12/13/24	12/13/24		



# Sample Data

	~	bample D	uu					
Pima Environmental Services-Carlsbad	Project Nam	Project Name: Cotton Draw Unit 153H						
PO Box 247	Project Num	fumber: 01058-0007					Reported:	
Plains TX, 79355-0247	Project Man	ager: Gio	Gomez				12/16/2024 12:17:23PM	
		LN1-2'						
		E412096-03						
		Reporting						
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Benzene	ND	0.0250		1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24		
Toluene	ND	0.0250		1	12/12/24	12/13/24		
p-Xylene	ND	0.0250		1	12/12/24	12/13/24		
p,m-Xylene	ND	0.0500		1	12/12/24	12/13/24		
Total Xylenes	ND	0.0250		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24		
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24		
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119	
Chloride	ND	20.0		1	12/13/24	12/13/24		



# Sample Data

	L.	bample D	ara					
Pima Environmental Services-Carlsbad	Project Nam		on Draw U	Jnit 153	H			
PO Box 247	Project Number: 01058-0007						Reported:	
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				12/16/2024 12:17:23PM	
		LN1-3'						
		E412096-04						
		Reporting						
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Benzene	ND	0.0250		1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24		
Toluene	ND	0.0250		1	12/12/24	12/13/24		
p-Xylene	ND	0.0250		1	12/12/24	12/13/24		
o,m-Xylene	ND	0.0500		1	12/12/24	12/13/24		
Fotal Xylenes	ND	0.0250		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24		
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24		
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119	
Chloride	ND	20.0		1	12/13/24	12/13/24		



# Sample Data

	D	ample D	uu					
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 1531	Н		Reported:	
PO Box 247		Project Number: 01058-0007						
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/16/2024 12:17:23PM	
		LN1-4'						
		E412096-05						
		Reporting						
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Benzene	ND	0.0250		1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24		
Toluene	ND	0.0250		1	12/12/24	12/13/24		
p-Xylene	ND	0.0250		1	12/12/24	12/13/24		
p,m-Xylene	ND	0.0500		1	12/12/24	12/13/24		
Total Xylenes	ND	0.0250		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111	
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24		
Surrogate: Bromofluorobenzene		119 %	70-130		12/12/24	12/13/24		
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		12/12/24	12/13/24		
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24		
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24		
Surrogate: n-Nonane		101 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119	
Chloride	ND	20.0		1	12/13/24	12/13/24		



		imple D					
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw U	Unit 1531	ł		
PO Box 247	Project Numbe	er: 0103	01058-0007				Reported:
Plains TX, 79355-0247	Project Manag	er: Gio	Gomez				12/16/2024 12:17:23PM
	Ι	E1-Surface					
		E412096-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24	
Toluene	ND	0.0250		1	12/12/24	12/13/24	
o-Xylene	ND	0.0250		1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		103 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	$\sim$	bample D	uuu				
Pima Environmental Services-Carlsbad	Project Name						
PO Box 247	Project Num			Reported:			
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				12/16/2024 12:17:23PM
		LE1-1'					
		E412096-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24	
Toluene	ND	0.0250		1	12/12/24	12/13/24	
o-Xylene	ND	0.0250		1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		101 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

		ample D	uu				
Pima Environmental Services-Carlsbad	Project Name						
PO Box 247	Project Numb		Reported:				
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez				12/16/2024 12:17:23PM
		LE1-2'					
		E412096-08					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24	
Toluene	ND	0.0250		1	12/12/24	12/13/24	
p-Xylene	ND	0.0250		1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500		1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		96.4 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		106 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		96.4 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		106 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



## Sample Data

	5	ample D	ata					
Pima Environmental Services-Carlsbad	Project Name							
PO Box 247	Project Numb		58-0007				Reported:	
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				12/16/2024 12:17:23PM	
		LE1-3'						
		E412096-09						
		Reporting						
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	AS		Batch: 2450111	
Benzene	ND	0.0250	1	l	12/12/24	12/15/24		
Ethylbenzene	ND	0.0250	1	l	12/12/24	12/15/24		
Toluene	ND	0.0250	1	l	12/12/24	12/15/24		
p-Xylene	ND	0.0250	1		12/12/24	12/15/24		
o,m-Xylene	ND	0.0500	1		12/12/24	12/15/24		
Fotal Xylenes	ND	0.0250	1		12/12/24	12/15/24		
Surrogate: Bromofluorobenzene		99.4 %	70-130		12/12/24	12/15/24		
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		12/12/24	12/15/24		
Surrogate: Toluene-d8		102 %	70-130		12/12/24	12/15/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: RAS			Batch: 2450111	
Gasoline Range Organics (C6-C10)	ND	20.0	1		12/12/24	12/15/24		
Surrogate: Bromofluorobenzene		99.4 %	70-130		12/12/24	12/15/24		
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		12/12/24	12/15/24		
Surrogate: Toluene-d8		102 %	70-130		12/12/24	12/15/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450102	
Diesel Range Organics (C10-C28)	ND	25.0	1		12/12/24	12/13/24		
Dil Range Organics (C28-C36)	ND	50.0	1		12/12/24	12/13/24		
Surrogate: n-Nonane		112 %	50-200		12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: A	K		Batch: 2450119	
Chloride	ND	20.0	1	l	12/13/24	12/13/24		



# Sample Data

	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw U	Jnit 153	H		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/16/2024 12:17:23PM
		LE1-4'					
		E412096-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
°oluene	ND	0.0250		1	12/12/24	12/15/24	
-Xylene	ND	0.0250		1	12/12/24	12/15/24	
,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/15/24	
urrogate: Bromofluorobenzene		96.1 %	70-130		12/12/24	12/15/24	
urrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/12/24	12/15/24	
urrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
urrogate: Bromofluorobenzene		96.1 %	70-130		12/12/24	12/15/24	
urrogate: 1,2-Dichloroethane-d4		104 %	70-130		12/12/24	12/15/24	
urrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
urrogate: n-Nonane		110 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



		mpic D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manage	r: 0105	on Draw U 58-0007 Gomez	Jnit 1531	Н		<b>Reported:</b> 12/16/2024 12:17:23PM
	L	S1-Surface					
	]	E412096-11					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
Toluene	ND	0.0250		1	12/12/24	12/15/24	
p-Xylene	ND	0.0250		1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		95.4 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		103 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		95.4 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		103 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw I	Unit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Man	ager: Gio	Gomez				12/16/2024 12:17:23PM
		LS1-1'					
		E412096-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
<b>Toluene</b>	ND	0.0250		1	12/12/24	12/15/24	
-Xylene	ND	0.0250		1	12/12/24	12/15/24	
,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		94.1 %	70-130		12/12/24	12/15/24	
urrogate: 1,2-Dichloroethane-d4		103 %	70-130		12/12/24	12/15/24	
urrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
urrogate: Bromofluorobenzene		94.1 %	70-130		12/12/24	12/15/24	
urrogate: 1,2-Dichloroethane-d4		103 %	70-130		12/12/24	12/15/24	
urrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
urrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



		ampie D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0105	on Draw U 58-0007 Gomez	Unit 153]	Н		<b>Reported:</b> 12/16/2024 12:17:23PM
		LS1-2'					
		E412096-13					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
Toluene	ND	0.0250		1	12/12/24	12/15/24	
o-Xylene	ND	0.0250		1	12/12/24	12/15/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		93.1 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		105 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		93.1 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		105 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		110 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



		bample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw I	Unit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				12/16/2024 12:17:23PM
		LS1-3'					
		E412096-14					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
Toluene	ND	0.0250		1	12/12/24	12/15/24	
o-Xylene	ND	0.0250		1	12/12/24	12/15/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		102 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		12/12/24	12/15/24	
urrogate: Toluene-d8		102 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		116 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw I	Unit 153	Н		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				12/16/2024 12:17:23PM
		LS1-4'					
		E412096-15					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
Toluene	ND	0.0250		1	12/12/24	12/15/24	
o-Xylene	ND	0.0250		1	12/12/24	12/15/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		92.3 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		92.3 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		12/12/24	12/15/24	
urrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



	~••	mpic D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	r: 010:	on Draw U 58-0007 Gomez	Unit 1531	Н		<b>Reported:</b> 12/16/2024 12:17:23PM
	L	W1-Surface					
	]	E412096-16					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
Toluene	ND	0.0250		1	12/12/24	12/15/24	
p-Xylene	ND	0.0250		1	12/12/24	12/15/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		93.9 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		93.9 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		113 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



## Sample Data

	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Unit 153	Н		D ( )
PO Box 247	Project Numb		58-0007	<b>Reported:</b> 12/16/2024 12:17:23PM			
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez		12/16/2024 12:17:23PM		
		LW1-1'					
		E412096-17					
	D I	Reporting	53		D 1		NT .
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
Toluene	ND	0.0250		1	12/12/24	12/15/24	
p-Xylene	ND	0.0250		1	12/12/24	12/15/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		94.8 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		105 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		94.8 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		105 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2450102	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



## **Sample Data**

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw I	Jnit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				12/16/2024 12:17:23PM
		LW1-2'					
		E412096-18					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/15/24	
Toluene	ND	0.0250		1	12/12/24	12/15/24	
p-Xylene	ND	0.0250		1	12/12/24	12/15/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		93.5 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		93.5 %	70-130		12/12/24	12/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		12/12/24	12/15/24	
Surrogate: Toluene-d8		104 %	70-130		12/12/24	12/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



# Sample Data

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw U	Unit 153	H		
PO Box 247	Project Numl		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				12/16/2024 12:17:23PM
		LW1-3'					
		E412096-19					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24	
Toluene	ND	0.0250		1	12/12/24	12/13/24	
o-Xylene	ND	0.0250		1	12/12/24	12/13/24	
,m-Xylene	ND	0.0500		1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		111 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		111 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



## Sample Data

	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	Н		<b>D</b>
PO Box 247	Project Numb		58-0007	<b>Reported:</b> 12/16/2024 12:17:23PM			
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez				12/16/2024 12:17:23PM
		LW1-4'					
		E412096-20					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Benzene	ND	0.0250		1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/13/24	
Toluene	ND	0.0250		1	12/12/24	12/13/24	
p-Xylene	ND	0.0250		1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/12/24	12/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		12/12/24	12/13/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		110 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2450119
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **QC Summary Data**

		200		v					
Pima Environmental Services-Carlsbad		Project Name:		otton Draw Un	it 153H				Reported:
PO Box 247		Project Number:		058-0007					
Plains TX, 79355-0247		Project Manager:	G	io Gomez					12/16/2024 12:17:23PM
	Y	Volatile Organic	Compo	unds by EP	A 8260B	5			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 (2450111-BLK1)						I	Prepared: 12	2/12/24 A	nalyzed: 12/13/24
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	0.586		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			
LCS (2450111-BS1)						I	Prepared: 12	2/12/24 A	nalyzed: 12/13/24
Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.61	0.0250	2.50		104	70-130			
Toluene	2.57	0.0250	2.50		103	70-130			
p-Xylene	2.76	0.0250	2.50		110	70-130			
o,m-Xylene	5.48	0.0500	5.00		110	70-130			
Total Xylenes	8.24	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	0.608		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			
LCS Dup (2450111-BSD1)						I	Prepared: 12	2/12/24 A	nalyzed: 12/13/24
Benzene	2.35	0.0250	2.50		94.0	70-130	9.14	23	
Ethylbenzene	2.41	0.0250	2.50		96.4	70-130	7.84	27	
Toluene	2.35	0.0250	2.50		94.0	70-130	8.94	24	
p-Xylene	2.54	0.0250	2.50		101	70-130	8.36	27	
o,m-Xylene	5.04	0.0500	5.00		101	70-130	8.41	27	
Total Xylenes	7.58	0.0250	7.50		101	70-130	8.39	27	
Surrogate: Bromofluorobenzene	0.608		0.500		122	70-130			
	0.473		0.500		94.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.0	70-150			


## **QC Summary Data**

		QC D		ary Dau	e .				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Cotton Draw Un 01058-0007 Gio Gomez	it 153H				<b>Reported:</b> 12/16/2024 12:17:23PM
	N	onhalogenated O	rganic	s by EPA 801	5D - Gl	RO			Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2450111-BLK1)							Prepared: 1	2/12/24 A	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.586		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			
LCS (2450111-BS2)							Prepared: 1	2/12/24 A	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.601		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.573		0.500		115	70-130			
LCS Dup (2450111-BSD2)							Prepared: 1	2/12/24 A	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130	5.93	20	
Surrogate: Bromofluorobenzene	0.591		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.560		0.500		112	70-130			



Released to Imaging: 3/13/2025 1:47:01 PM

## **QC Summary Data**

envirotech Inc.

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		$\mathbf{x} \circ \sim$							
Pima Environmental Services-Carlsbad		Project Name:	С	otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	0	1058-0007					-
Plains TX, 79355-0247		Project Manager:	G	io Gomez					12/16/2024 12:17:23PM
	Nonh	alogenated Org	anics 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 (2450102-BLK1)							Prepared: 12	2/12/24 A	Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.0		50.0		116	50-200			
LCS (2450102-BS1)							Prepared: 12	2/12/24 A	Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			
LCS Dup (2450102-BSD1)							Prepared: 12	2/12/24 A	Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132	1.67	20	
Surrogate: n-Nonane	58.0		50.0		116	50-200			

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# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ui )1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:		Gio Gomez					12/16/2024 12:17:23PM
		Anions l	by EPA	300.0/9056A	1				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2450119-BLK1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450119-BS1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	256	20.0	250		102	90-110			
LCS Dup (2450119-BSD1)							Prepared: 12	2/12/24	Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110	0.420	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.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 12:17

ND Analyte NOT DETECTED at or above the report	rting limit
--	-------------

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

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



#### Chain of Custody

									<b>.</b>	······································	1.4	b Use	1.00-						TAT		EPA F	Program
ient: Pi oject: ( oject M	ma Env 0110/ anager:	vironr	nenta val	al Servic Unit nez	#1534		Attention: Devon Address:			NO#				tumb SS I	2001	$(\Box)$	) 2 X	2D		Standard	CWA	SDW
ddress: ty, State hone: 8	5614 N 2, Zip + 06-782 10@pir	I. Lov Iobbs 2-115	ringto 5. NM 1	on Hwy. 1. 88240			City, State, Zip Phone: <u>Email:</u> Pima Project # \-302-3		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021		Metals 6010	Chloride 300.0	d Meth		Ma No	۲			State	1
Time Sampled	Date Sampled		atrix	No. of Containers	Sample ID			Lab Number	DRO/(	GRO/I	BTEX	ч У У	Metal	Chlori			BGDOC	BGDOC			Remark	:S
3:22	12/11	6	5		LN	· _ ~	Surface	1	-							_{						
3:24					LNI	-1	1	2								+	╢					
3:30					LNI	-2	1	3	-							_	-					
3;34		<u> </u>		<u> .</u>	LNI	-3		4	+	-					$\left  - \right $	+	$\mathbb{H}$		$\left  \right $			
3:36				ļ	LNI	-4		5							$\left  \right $	-	Н		$\left  - \right $			
3:39					LEI	<u>- So</u>	rface	9		+					┼╌┼	-+	+					
3:50		_			LEI	<u>-1'</u> -2	ſ	8	-				+	+	$\left\{ - \right\}$		+			_		
3:56		_						9	+					+	┼┼		+			_		- <u></u>
3:59					LEI	- <u>5</u> -//-			+	+		+	┼		╂╌╂		╀					
4 100 Addition			ns:		LEI	9	D.11. + 2					1	1	<u> </u>			1					
I, (field san	pler), atte	st to the	e validit	y and authe	nticity of this sam	nple. 1 an	Billing # 2 aware that tampering with or intentionally misla						Sam	ples req ced in ice	uiring ther	rmal pre	aserva above	ation mi 0 but le	ust be rec ess than (	ceived on ice the 5°C on subseque	day they are sa nt days.	impled or re
date or tim Refinquis	e of collec	tion is c	onsider	red fraud and	I may be ground	s for legal Time	action. <u>Sampled by:</u> Received by: (Signature) Michelle Gonzale	Date		Tim	40	D	╡		d on ic				se On 1			
Michael	réd py: (s hefte	Go	1	les 👖	21224	Time	Received by: (Signature)	12. Date	11.1	Tim	1613 1e	5	11	13 - You	- <u></u>	<u></u>	12			_ <b>II</b> _		-
Relinguis	hediby: (	Yapatu M	re}	Da I	ne 2.12.24_	22	V3 Aitlig Mar	- 12.1			<u>SX</u>	2			nip <sup>o</sup> C c, ag - a	s amba						

#### Chain of Custody

oject Information	Chain of Custod	,									Page <u>16</u>	) <sub>of</sub> _[
lient: Pima Environmental Services roject: Co Hon () ray) Un (子 単氏 roject Manager: Glo Gomez ddress: 5614 N. Lovington Hwy.	3H Attention: Devon Address: City, State, Zip		vo#   20	Lab y 9(q		Number St. CO Isis and Meth	X		TAT 3D	Standard	EPA Pro CWA	gram SDWA RCRA
ity, State, Zip Hobbs. NM. 88240 hone: 806-782-1151 mail: gio@pimaoil.com eport due by:	Phone: Email: Pima Project # 1-302-3	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021 VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	1 .		NM CO	State UT AZ Remarks	TX
Time Sampled Date Sampled Matrix No. of Containers Sample   1'DZ 1'2/11 S 2	10 Number 51-Surface 11	D%C	GR		Me	Ë	Z Z	^ /				
1:07 1 65	1-94 12				+	┼┼┼			$\left\{ \cdot \right\}$			<u></u>
	51-2' 13 51-3' 14											
	1-4' 15 11-Surface 14				+				+		<u></u>	
	U/-1' 17											
4:25 L	01-2' NI-3' 19				+		-					
4:30 L	20											
Additional Instructions: I, (field sampler), attest to the validity and authenticity of t	Billing # 21165 is sample. I am aware that tampering with or intentionally mislabelling the same	Z &	Lion,		San	nples requiring the ked in ice at an av	rmal press 3 temp ab	ervation ove 0 but	must be rec t less than 6	rived on ice the d °C on subsequent	ay they are samp I days.	ed or rec
date or time of collection is considered fraud and may be a Relinquished by: (Signature) Date	Time Repeived by: (Signature) Use IJ	2.24	Time	100		eceived on i		Lab	Use On N	V		
Relinquished big (Signature) Relinquished by: (Signature) Relinquished by: (Signature) Date $\mathcal{N} \cdot \mathcal{N} \cdot$	Time providence by (Senature) Date	3.24	t Time	Ø		te temp "C		2 daec	<u>v - VOA</u>			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous Note: Samples are discarded 30 days after results a samples is applicable only to those samples receive	O - Other [Conta e reported unless other arrangements are made. Hazardous samples by the laboratory with this COC. The liability of the laboratory is limit	will be r	eturne	d to clie	nt or di or on t	plastic, ag- sposed of at the he report.	e client	expen	se. The			

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#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Dat	te Received:	12/13/24 0	08:00	Work Order ID: E412096
Phone:	(575) 631-6977 Dat	te Logged In:	12/12/24 1	4:40	Logged In By: Caitlin Mars
Email:	gio@pimaoil.com Duo	e Date:	12/13/24 1	7:00 (0 day TAT)	)
Chain o'	f Custody (COC)				
1. Does 1	the sample ID match the COC?		Yes		
2. Does f	the number of samples per sampling site location match the	he COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier:	Courier
4. Was tł	he COC complete, i.e., signatures, dates/times, requested	analyses?	No		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		<b>Comments/Resolution</b>
Sample '	Turn Around Time (TAT)				
	ne COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample	Cooler				provided on COC. Project Cotton Draw
7. Was a	a sample cooler received?		Yes		Unit #153H has been separated into 7
8. If yes,	, was cooler received in good condition?		Yes		reports. WO are E412092 to E412098.
9. Was tł	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	es, were custody/security seals intact?		NA		
	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are recominutes of sampling	eived w/i 15	Yes		
13. If no	o visible ice, record the temperature. Actual sample tem	perature: $4^{\circ}$	<u>'C</u>		
	<u>Container</u>				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers of	collected?	Yes Yes		
Field La		concelear	105		
	a <u>ber</u> e field sample labels filled out with the minimum informa	ation <sup>.</sup>			
	Sample ID?	410IL	Yes		
	Date/Time Collected?		Yes		L
	Collectors name?		No		
-	Preservation				
	s the COC or field labels indicate the samples were preser	ved?	No		
	sample(s) correctly preserved?	1.0	NA		
	b filteration required and/or requested for dissolved metal	.8?	No		
	nase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?	10	No		
27. If ye	es, does the COC specify which phase(s) is to be analyzed	.7	NA		
	tract Laboratory				
	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so y	rrda o 9	NA	Subcontract La	1 374

Date



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

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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 153H

Work Order: E412097

Job Number: 01058-0007

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/16/24

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: 12/16/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E412097 Date Received: 12/13/2024 8:00:04AM

Gio Gomez,



The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Cotton Draw Unit 01058-0007 Gio Gomez	153H	<b>Reported:</b> 12/16/24 13:34
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
_3-Surface	E412097-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
_3-1'	E412097-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
_3-2'	E412097-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
_3-3'	E412097-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
_3-4'	E412097-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-Surface	E412097-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
.N3-1'	E412097-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-2'	E412097-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-3'	E412097-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-4'	E412097-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-Surface	E412097-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-1'	E412097-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-2'	E412097-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
_E3-3'	E412097-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-4'	E412097-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
_S3-Surface	E412097-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS3-1'	E412097-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
.S3-2'	E412097-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
.S3-3'	E412097-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
_S3-4'	E412097-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.



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Pima Environmental Services-Carlsbad	Project Name:	: Cott	ton Draw Unit 15	3Н		
PO Box 247	Project Numbe	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/16/2024 1:34:46PM
		L3-Surface				
		E412097-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Foluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		116 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

# Sample Data



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	ton Draw Unit 153 58-0007 Gomez	эн		<b>Reported:</b> 12/16/2024 1:34:46PM
		L3-1'				
		E412097-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	ton Draw Unit 153 58-0007 Gomez	BH		<b>Reported:</b> 12/16/2024 1:34:46PM
		L3-2'				
		E412097-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		119 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 010.	on Draw Unit 153 58-0007 Gomez	БН		<b>Reported:</b> 12/16/2024 1:34:46PM
		L3-3'				
		E412097-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2450112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		116 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

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Pima Environmental Services-Carlsbad PO Box 247	Project Name		on Draw Unit	153H		D ( )
PO Box 247 Plains TX, 79355-0247	Project Numb Project Manag		58-0007 Gomez		<b>Reported:</b> 12/16/2024 1:34:46PM	
Tunis IX, 1955 0247	i iojeet ivianag		Gomez			12.10.2021 110.11011
		L3-4'				
		E412097-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Batch: 2450112		
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		100 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2450120
Chloride	37.3	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name	: Cot	ton Draw Unit 15	3Н			
PO Box 247	Project Numb	er: 010	58-0007	Reported:			
Plains TX, 79355-0247	X, 79355-0247 Project Manager: Gio Gomez						
	1	LN3-Surface					
		E412097-06					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112	
Benzene	ND	0.0250	1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24		
Foluene	ND	0.0250	1	12/12/24	12/13/24		
p-Xylene	ND	0.0250	1	12/12/24	12/13/24		
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24		
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24		
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV			Batch: 2450103	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24		
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24		
Surrogate: n-Nonane		116 %	50-200	12/12/24	12/13/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2450120	
Chloride	ND	20.0	1	12/13/24	12/13/24		
Chloride	ND	20.0	1	12/13/24	12/13/24		



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	ton Draw Unit 15 58-0007 Gomez	3Н		<b>Reported:</b> 12/16/2024 1:34:46PM
		LN3-1'				
		E412097-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: NV		Batch: 2450103	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		118 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	ton Draw Unit 153 58-0007 Gomez	3H		<b>Reported:</b> 12/16/2024 1:34:46PM
		LN3-2'				
		E412097-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2450112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450103	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		117 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 153	3H		
PO Box 247	Project Numbe	er: 0103	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/16/2024 1:34:46PM
		LN3-3'				
		E412097-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
urrogate: n-Nonane		114 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	ton Draw Unit 1 58-0007 Gomez	53H		<b>Reported:</b> 12/16/2024 1:34:46PM
		LN3-4'				
		E412097-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Foluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2450112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		109 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2450120
Chloride	28.8	20.0	1	12/13/24	12/14/24	



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Pima Environmental Services-Carlsbad	Project Name					
PO Box 247	Project Numb	ber: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/16/2024 1:34:46PM
	-	LE3-Surface				
		E412097-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Batch: 2450112		
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	rg Analyst: BA		Batch: 2450112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: NV		Batch: 2450103	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		115 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	



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Project Name	: Cott	on Draw Unit 153	3H		
Project Numb	oer: 010	58-0007	Reported:		
Project Manag	ger: Gio	Gomez			12/16/2024 1:34:46PM
	LE3-1'				
	E412097-12				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: BA			Batch: 2450112
ND	0.0250	1	12/12/24	12/13/24	
ND	0.0250	1	12/12/24	12/13/24	
ND	0.0250	1	12/12/24	12/13/24	
ND	0.0250	1	12/12/24	12/13/24	
ND	0.0500	1	12/12/24	12/13/24	
ND	0.0250	1	12/12/24	12/13/24	
	94.4 %	70-130	12/12/24	12/13/24	
mg/kg	mg/kg	Analyst: BA		Batch: 2450112	
ND	20.0	1	12/12/24	12/13/24	
	91.3 %	70-130	12/12/24	12/13/24	
mg/kg	mg/kg	ng/kg Analyst: NV			Batch: 2450103
ND	25.0	1	12/12/24	12/13/24	
ND	50.0	1	12/12/24	12/13/24	
	116 %	50-200	12/12/24	12/13/24	
mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
ND	20.0	1	12/13/24	12/14/24	
	Project Name Project Numb Project Mana, Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:     Cott       Project Number:     0102       Project Manager:     Gio       Project Manager:     Elio       E412097-12     Edio       Result     Limit       mg/kg     mg/kg       ND     0.0250       ND     20.0       91.3 %     grade       mg/kg     mg/kg       MD     25.0       ND     50.0       ND     50.0       ND     50.0       ND     50.0       ND     50.0	Project Number:   01058-0007     Project Manager:   Gio Jonez     LE3-1'     E412097-12     Reporting     Reporting     Result   Limit   Dilution     mg/kg   mg/kg   Analys     ND   0.0250   1     ND   20.0   1     Mg/kg   mg/kg   Analys     ND   20.0   1     Mg/kg   Mg/kg   Analys     ND   25.0   1     ND   50.0   1     ND   50.200   1     Mg/kg   M	Image   Cotton Draw Unit 153H     Project Namber:   01058-0007     Project Manager:   Gio Gomez     ELE3-I'   ELE3-I'     E412097-12     Result   Dilution     Project Manager:   Dilution     Result   Dilution     Mg/kg   mg/kg   Analyst: BA     MD   0.0250   1   12/12/24     ND   20.0   1   12/12/24     MD   20.0   1   12/12/24     MD   20.0   1   12/12/24     MD   25.0   1   12/12/24     ND   25.0   1 <td< td=""><td>Image   Cotton Draw Unit 153H     Project Namee:   01058-0007     Project Manager:   Gio Gornez     ILE3-1'     IL12/102/24   Analyzed     IL2/13/24     ND   0.0250   1     IL2/13/24   <t< td=""></t<></td></td<>	Image   Cotton Draw Unit 153H     Project Namee:   01058-0007     Project Manager:   Gio Gornez     ILE3-1'     IL12/102/24   Analyzed     IL2/13/24     ND   0.0250   1     IL2/13/24 <t< td=""></t<>



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Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Unit 1	53H		
PO Box 247	Project Numb	oer: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez		12/16/2024 1:34:46PM	
		LE3-2'				
		E412097-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		115 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	



	D	ample D	uta			
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Unit 15.	3H		
PO Box 247	Project Numb	oer: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/16/2024 1:34:46PM
		LE3-3'				
		E412097-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		113 %	50-200	12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	



	0	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw Unit 1	53H		
PO Box 247	Project Numb	ber: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/16/2024 1:34:46PM
		LE3-4'				
		E412097-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
p-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		119 %	50-200	12/12/24	12/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2450120
Chloride	67.8	20.0	1	12/13/24	12/14/24	



#### Sample Data

	b	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	on Draw Unit 153 58-0007 Gomez	<b>Reported:</b> 12/16/2024 1:34:46PM		
	-	LS3-Surface				
		E412097-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2450112		
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
p-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Gurrogate: n-Nonane		115 %	50-200	12/12/24	12/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	



	6	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw Unit	153H		
PO Box 247	Project Numb	oer: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/16/2024 1:34:46PM
		LS3-1'				
		E412097-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	llyst: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		114 %	50-200	12/12/24	12/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	



	L L	bample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Nam Project Num		on Draw Unit 15: 58-0007	3Н		Reported:
Plains TX, 79355-0247	Project Mana		Gomez	12/16/2024 1:34:46PM		
		LS3-2'				
		E412097-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
p-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		116 %	50-200	12/12/24	12/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	



		bample D	ata			
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Unit 15	3H		
PO Box 247	Project Num	ber: 010:	58-0007	Reported:		
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez			12/16/2024 1:34:46PM
		LS3-3'				
		E412097-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
p-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		117 %	50-200	12/12/24	12/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num		on Draw Unit 15 58-0007	3Н		Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez	12/16/2024 1:34:46PM		
		LS3-4'				
		E412097-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		111 %	50-200	12/12/24	12/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2450120
Chloride	59.9	20.0	1	12/13/24	12/14/24	



# **QC Summary Data**

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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw Ur 058-0007 io Gomez	nit 153H				<b>Reported:</b> 12/16/2024 1:34:46PM
		Volatile O	rganics b		Analyst: BA				
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	iiig/kg	ilig/kg	mg/kg	iiig/kg	70	70	70	70	Indies
Blank (2450112-BLK1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
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	7.73		8.00		96.6	70-130			
LCS (2450112-BS1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Benzene	5.41	0.0250	5.00		108	70-130			
Ethylbenzene	5.18	0.0250	5.00		104	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			
LCS Dup (2450112-BSD1)							Prepared: 1	2/12/24	Analyzed: 12/13/24
Benzene	5.47	0.0250	5.00		109	70-130	1.04	20	
Ethylbenzene	5.23	0.0250	5.00		105	70-130	0.877	20	
Toluene	5.37	0.0250	5.00		107	70-130	1.14	20	
o-Xylene	5.24	0.0250	5.00		105	70-130	1.09	20	
p,m-Xylene	10.6	0.0500	10.0		106	70-130	0.875	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	0.946	20	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			



## **QC Summary Data**

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Pima Environmental Services-Carlsbad		Project Name:	С	otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	: 01	1058-0007					
Plains TX, 79355-0247		Project Manager	r: G	io Gomez					12/16/2024 1:34:46PM
	No	onhalogenated	Organics	by EPA 80	15D - Gl	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 (2450112-BLK1)							Prepared: 1	2/12/24 A	nalyzed: 12/13/24
asoline Range Organics (C6-C10)	ND	20.0							
urrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			
.CS (2450112-BS2)							Prepared: 1	2/12/24 A	nalyzed: 12/13/24
asoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130			
urrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS Dup (2450112-BSD2)							Prepared: 1	2/12/24 A	analyzed: 12/13/24
asoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130	0.253	20	
urrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			
asoline Range Organics (C6-C10)		20.0					1		_



## **QC Summary Data**

		$\chi \sim \sim$							
Pima Environmental Services-Carlsbad		Project Name:	Co	otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	01	058-0007					
Plains TX, 79355-0247		Project Manager:	G	io Gomez					12/16/2024 1:34:46PM
	Nonh	alogenated Org	anics 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 (2450103-BLK1)							Prepared: 12	2/12/24 A	nalyzed: 12/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.0		50.0		116	50-200			
LCS (2450103-BS1)							Prepared: 12	2/12/24 A	analyzed: 12/13/24
Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132			
Surrogate: n-Nonane	59.9		50.0		120	50-200			
LCS Dup (2450103-BSD1)							Prepared: 12	2/12/24 A	analyzed: 12/13/24
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132	0.603	20	
Surrogate: n-Nonane	60.4		50.0		121	50-200			



# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ui )1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:	(	Gio Gomez					12/16/2024 1:34:46PM
		Anions l	by EPA	300.0/9056A	1				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 (2450120-BLK1)							Prepared: 12	2/13/24	Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450120-BS1)							Prepared: 12	2/13/24	Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2450120-BSD1)							Prepared: 12	2/13/24	Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110	0.137	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.


Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 13:34

ND Analyte NOT DETEC	CTED 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.



The Dime Fr			00	<del></del>	Duy Bill To				Lab	Utie C	inly .				TA			Program
ent: Pima Er oject: 04	on Vraw	Unit	#153H	Atten	tion: 1000		E Y	¥0		The second secon	Nu	nber v0001	1D		3D	Standa	rd CWA	SDW
olect Manage	r: Gio Gor	nez		Addre	255:		24	204			JVC IS	and Metho	<u>Д</u>	l		1. A.	4997 B	RCR
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one: 806-78	2-1151	1. 002-10		Emai			8	53								NINA	State	
nail: gio@p	imaoil.com			Pim	a Project # [-302-2	, ,	<b>Å</b>	B A B	221				Σ	¥		V		
port due by:	-1	T				Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	chlorida 2000		BGDOC	BGDOC			Remar	'ks
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date or time of colle	ection is conside	red fraud and	may be grounds fo	r legal action.	Sampled by:			Time							Use C			
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Imaging: 3/13/2025 1:4		0+100   lanager: 5614 N. e, Zip Ho 306-782- gio@pim	
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#### Chain of Custody

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ddress: 56	14 N	l ovinate	on Hwy.			City, State, Zip						Analy	sis an	d Metho	od		<b></b> 1			RCRA
ity, State, Z	Zip Ho	bbs. NN	1. 88240		100	Phone:				1									State	1
none: 806						Email:		8015	8015						1			NM C		
mail: gio						Pima Project # 1-3/52-3		۶ A	Å	5	260	2	300.0		Σ	¥				
eport due l	by:			<del></del>			Lab	DRO/ORO by	DRO DRO	Å	by 8	년 19	Chloride 300.0		BGDOC	В			Remark	- <b>-</b>
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Additional						Filling#211652	88							-uiden ther	maleros	mation	must be	received on ice th	e day they are sa	empled or recei
, (field sample	er), attest t	to the validit	y and authe	nticity of this sam	ple. I am	aware that tampering with or intentionally misla	bellingthe sam	ple loca	ation,			pack	ued in id	e at an avg	temp ab	ove 0 bu	rt less th	an 6 °C on subsequ	ent days.	
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Reinquished	elle (	Jong	des 1	2.12:24	16	15 John H.	12.1	<u>1.2</u>	4	141	5	11	<b>6</b> 10	<u>ai in sea a</u>	_ I	2	<u>. 15 (5 )</u>	13		<b></b>
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Andral		a calid Fa					Contai	ner Ty	pe: g	- glas	is, p -	poly/	/plast	tic, ag - a	mber	glass,	v - VC	DA		
		1 100	1		mene und	ess other arrangements are made. Hazaro	ous samples v	vill be	return	ied to	client	or dis	posed	d of at the	e client	exper	ise. Ti	te report for th	e analysis of	the above
samples is a	pplicable	only to the	ose sample	s received by th	e labora	tory with this COC. The liability of the labor	atoryislimite	d to th	e amo	unt pa	aid fo									
the subscription of the su				_									•	_			2	iro		

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## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Pima Environmental Services-Carlsbad Dat	e Received:	12/13/24 08	8:00	Work Order ID: E412097
Phone:	(575) 631-6977 Dat	e Logged In:	12/12/24 14	4:41	Logged In By: Caitlin Mars
Email:	gio@pimaoil.com Due	e Date:	12/13/24 1	7:00 (0 day TAT	)
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match th	he COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier:	Courier
4. Was tl	he COC complete, i.e., signatures, dates/times, requested a	analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
	the COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample			_ ••		provided on COC. Project Cotton Draw
	a sample cooler received?		Yes		Unit #153H has been separated into 7
	, was cooler received in good condition?		Yes		reports. WO are E412092 to E412098.
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		$\begin{bmatrix} 1 & -1 & -1 & -1 \\ -1 & -1 & -1 & -1 \\ -1 & -1 &$
	e custody/security seals present?		No		
	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rece minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample temp	perature: <u>4°</u>	<u>C</u>		
Sample	Container_				
14. Are a	aqueous VOC samples present?		No		
15. Are '	VOC samples collected in VOA Vials?		NA		
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA		
17. Was	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	e appropriate volume/weight or number of sample containers of	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum informat	tion:	Yes		
	Sample ID? Date/Time Collected?		Yes		
	Collectors name?		No		
Sample	Preservation				
-	s the COC or field labels indicate the samples were preser	ved?	No		
	sample(s) correctly preserved?		NA		
24. Is lat	b filteration required and/or requested for dissolved metals	s?	No		
Multiph	ase Sample Matrix				
26. Does	s the sample have more than one phase, i.e., multiphase?		No		
27. If ye	s, does the COC specify which phase(s) is to be analyzed	?	NA		
Subcont	tract Laboratory				
	samples required to get sent to a subcontract laboratory?		No		
20 Was	a subcontract laboratory specified by the client and if so v	who?	NA	Subcontract La	ah: NA

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



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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 153H

Work Order: E412098

Job Number: 01058-0007

Received: 12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/16/24

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: 12/16/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H Workorder: E412098 Date Received: 12/13/2024 8:00:04AM

Gio Gomez,



The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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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Samula	Summarv
Sample	Summary

		Sample Sum			
Pima Environmental Services-Carlsbad		Project Name:	Cotton Draw Unit	153H	Reported:
PO Box 247		Project Number:	01058-0007		
Plains TX, 79355-0247		Project Manager:	Gio Gomez		12/16/24 12:18
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
LW3-Surface	E412098-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW3-1'	E412098-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW3-2'	E412098-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W3-3'	E412098-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W3-4'	E412098-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
4-Surface	E412098-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
.4-1'	E412098-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
.4-2'	E412098-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
.4-3'	E412098-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
.4-4'	E412098-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
N4-Surface	E412098-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
N4-1'	E412098-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
N4-2'	E412098-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
N4-3'	E412098-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
N4-4'	E412098-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
E4-Surface	E412098-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
E4-1'	E412098-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
E4-2'	E412098-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
E4-3'	E412098-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
E4-4'	E412098-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-Surface	E412098-21A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-1'	E412098-22A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-2'	E412098-23A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-3'	E412098-24A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-4'	E412098-25A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W4-Surface	E412098-26A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W4-1'	E412098-27A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W4-2'	E412098-28A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W4-3'	E412098-29A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
W4-4'	E412098-30A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Unit 1	53H			
PO Box 247	Project Num	ber: 010	58-0007	Reported:			
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez			12/16/2024 12:18:06PM	
		LW3-Surface	!				
		E412098-01					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450113	
Benzene	ND	0.0250	1	12/12/24	12/13/24		
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24		
Toluene	ND	0.0250	1	12/12/24	12/13/24		
o-Xylene	ND	0.0250	1	12/12/24	12/13/24		
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24		
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24		
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	12/12/24	12/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24		
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24		
Surrogate: n-Nonane		118 %	50-200	12/12/24	12/15/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450121	
Chloride	34.4	20.0	1	12/13/24	12/13/24		



	<b>D</b>	ampic D	ata			
Pima Environmental Services-Carlsbad	Project Name		on Draw Unit 15	53H		
PO Box 247	Project Numb		58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/16/2024 12:18:06PM
		LW3-1'				
		E412098-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Foluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		119 %	50-200	12/12/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	b		ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	ton Draw Unit 15 58-0007 Gomez	53H		<b>Reported:</b> 12/16/2024 12:18:06PM
		LW3-2'				
		E412098-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	y/kg Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		121 %	50-200	12/12/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2450121
Chloride	21.0	20.0	1	12/13/24	12/13/24	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010	on Draw Unit 15 58-0007 Gomez	3Н		<b>Reported:</b> 12/16/2024 12:18:06PM
		LW3-3'				
		E412098-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		124 %	50-200	12/12/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450121
Chloride	25.0	20.0	1	12/13/24	12/13/24	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	er: 0103	on Draw Unit 1 58-0007 Gomez	53H		<b>Reported:</b> 12/16/2024 12:18:06PM
		LW3-4'				
		E412098-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		86.2 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		116 %	50-200	12/12/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



		impic D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe	er: 010	on Draw Unit 15 58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	er: Gio	Gomez			12/16/2024 12:18:06PM
	]	L4-Surface				
		E412098-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		123 %	50-200	12/12/24	12/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	er: 010	on Draw Unit 15 58-0007 Gomez	3Н		<b>Reported:</b> 12/16/2024 12:18:06PM
		L4-1'				
		E412098-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		118 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Draw Unit 15 58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez			12/16/2024 12:18:06PM
		L4-2'				
		E412098-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: NV		Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
'urrogate: n-Nonane		117 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	D	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numl		on Draw Unit 15 58-0007		<b>Reported:</b> 12/16/2024 12:18:06PM	
Plains TX, 79355-0247	Project Mana	nger: Gio	Gomez			
		L4-3'				
		E412098-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
thylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		123 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	0	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		on Draw Unit 15			
PO Box 247	Project Numb		58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/16/2024 12:18:06PM
		L4-4'				
		E412098-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
enzene	ND	0.0250	1	12/12/24	12/13/24	
thylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
otal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	12/12/24	12/13/24	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
asoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	12/12/24	12/13/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
urrogate: n-Nonane		131 %	50-200	12/12/24	12/16/24	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450121
hloride	ND	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 153	BH		D (1
PO Box 247	Project Numbe		58-0007		<b>Reported:</b> 12/16/2024 12:18:06PM	
Plains TX, 79355-0247	Project Manag	ger: G10	Gomez			12/16/2024 12:18:06PM
	I	N4-Surface				
		E412098-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		122 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	3	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw Unit 15	3Н		
PO Box 247	Project Numb	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			12/16/2024 12:18:06PM
		LN4-1'				
		E412098-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analy	st: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
thylbenzene	ND	0.0250	1	12/12/24	12/13/24	
oluene	ND	0.0250	1	12/12/24	12/13/24	
-Xylene	ND	0.0250	1	12/12/24	12/13/24	
,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
otal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
urrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
urrogate: n-Nonane		122 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	0	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		ton Draw Unit		D ( )	
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Gio	Gomez			12/16/2024 12:18:06PM
		LN4-2'				
		E412098-13				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.1 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: NV		Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		121 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	ber: 010	on Draw Unit 1 58-0007 Gomez	53H		<b>Reported:</b> 12/16/2024 12:18:06PM
		LN4-3'				
		E412098-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
p-Xylene	ND	0.0250	1	12/12/24	12/13/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	12/12/24	12/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		130 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ample D	ala						
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Number: 01058-0007								
		LN4-4'							
		E412098-15							
		Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS	Batch: 2450113				
Benzene	ND	0.0250	1	12/12/24	12/14/24				
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24				
Toluene	ND	0.0250	1	12/12/24	12/14/24				
p-Xylene	ND	0.0250	1	12/12/24	12/14/24				
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24				
Fotal Xylenes	ND	0.0250	1	12/12/24	12/14/24				
Surrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	12/12/24	12/14/24				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Batch: 2450113					
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24				
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	12/12/24	12/14/24				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104			
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24				
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24				
Surrogate: n-Nonane		143 %	50-200	12/12/24	12/16/24				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2450121			
Chloride	ND	20.0	1	12/13/24	12/13/24				



	0	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name:Cotton Draw Unit 153HProject Number:01058-0007Project Manager:Gio Gomez					<b>Reported:</b> 12/16/2024 12:18:06PN
	]	LE4-Surface				
		E412098-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS	Batch: 2450113	
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		85.1 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	, Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		131 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw Unit 1:	53H		
PO Box 247	Project Numb	ber: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez		12/16/2024 12:18:06PM	
		LE4-1'				
		E412098-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS	Batch: 2450113	
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
p-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Batch: 2450104		
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		134 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		<b>Reported:</b> 12/16/2024 12:18:06PM				
		LE4-2'				
		E412098-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS	Batch: 2450113	
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
urrogate: 4-Bromochlorobenzene-PID		84.8 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		127 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbo Project Manag	er: 010	on Draw Unit 15 58-0007 Gomez	<b>Reported:</b> 12/16/2024 12:18:06PM		
		LE4-3'				
		E412098-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS	Batch: 2450113	
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
p-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		123 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



	6	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	<b>Reported:</b> 12/16/2024 12:18:06PM					
		LE4-4'				
		E412098-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS	Batch: 2450113	
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
urrogate: 4-Bromochlorobenzene-PID		84.1 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS	Batch: 2450113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2450104	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
urrogate: n-Nonane		123 %	50-200	12/12/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010:	on Draw V 58-0007 Gomez	Unit 1531	Н		<b>Reported:</b> 12/16/2024 12:18:06PM
	I	S4-Surface					
	-	E412098-21					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
p-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		120 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		12/12/24	12/14/24	
urrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		120 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		103 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



## **Sample Data**

		ample D	uu				
Pima Environmental Services-Carlsbad	Project Name	e: Cott	on Draw I	Unit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez				12/16/2024 12:18:06PM
		LS4-1'					
		E412098-22					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
o-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2450105	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		103 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



## Sample Data

	~	bample D	uu				
Pima Environmental Services-Carlsbad	Project Nam	e: Cott	on Draw I	Unit 153	Н		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez	12/16/2024 12:18:06PM			
		LS4-2'					
		E412098-23					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
p-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		108 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2450122
Chloride	118	20.0		1	12/13/24	12/13/24	



## **Sample Data**

	~	bample D	utu				
Pima Environmental Services-Carlsbad	Project Nam		on Draw U	Jnit 153	H		
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Man	ager: Gio	Gomez	12/16/2024 12:18:06PM			
		LS4-3'					
		E412098-24					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
p-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



## **Sample Data**

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 1531	Н		
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/16/2024 12:18:06PM
		LS4-4'					
		E412098-25					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
p-Xylene	ND	0.0250		1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		113 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		116 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		113 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		116 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		102 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



		impic D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010:	on Draw V 58-0007 Gomez	Unit 1531	Н		<b>Reported:</b> 12/16/2024 12:18:06PM
	L	W4-Surface					
	-	E412098-26					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
foluene	ND	0.0250		1	12/12/24	12/14/24	
-Xylene	ND	0.0250		1	12/12/24	12/14/24	
,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		113 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		103 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



## Sample Data

Sample Data							
Pima Environmental Services-Carlsbad	Project Name: Cotton Draw Unit 153H						
PO Box 247	Project Numb		01058-0007 Gio Gomez				<b>Reported:</b> 12/16/2024 12:18:06PM
Plains TX, 79355-0247	Project Mana	ger: Gio					
		LW4-1'					
		E412098-27					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
o-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		113 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		114 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		113 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		114 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst:		Analyst: NV		Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		107 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	mg/kg Analyst: JM				Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	


## Sample Data

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H		
PO Box 247	Project Numb		Reported:				
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/16/2024 12:18:06PM
		LW4-2'					
		E412098-28					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
p-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		112 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg		Analyst	: NV		Batch: 2450105	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		102 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



## Sample Data

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H		
PO Box 247	Project Numb			Reported:			
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/16/2024 12:18:06PM
		LW4-3'					
		E412098-29					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
p-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		114 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		114 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg		Analyst	: NV		Batch: 2450105	
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		106 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



## **Sample Data**

	D	ample D	uu				
Pima Environmental Services-Carlsbad	Project Name		on Draw U	Jnit 153	H		
PO Box 247	Project Numb		Reported:				
Plains TX, 79355-0247	Project Mana	ger: Gio	Gomez				12/16/2024 12:18:06PM
		LW4-4'					
		E412098-30					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Benzene	ND	0.0250		1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250		1	12/12/24	12/14/24	
Toluene	ND	0.0250		1	12/12/24	12/14/24	
p-Xylene	ND	0.0250		1	12/12/24	12/14/24	
o,m-Xylene	ND	0.0500		1	12/12/24	12/14/24	
Fotal Xylenes	ND	0.0250		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		115 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RAS		Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/12/24	12/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		12/12/24	12/14/24	
Surrogate: Toluene-d8		115 %	70-130		12/12/24	12/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	nhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV						Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0		1	12/12/24	12/13/24	
Dil Range Organics (C28-C36)	ND	50.0		1	12/12/24	12/13/24	
Surrogate: n-Nonane		105 %	50-200		12/12/24	12/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2450122
Chloride	ND	20.0		1	12/13/24	12/13/24	



# **QC Summary Data**

		<b>X</b> U N							
Pima Environmental Services-Carlsbad		Project Name:	Co	otton Draw Un	it 153H				Reported:
PO Box 247		Project Number:	01	058-0007					
Plains TX, 79355-0247		Project Manager:	Gi	io Gomez				1	2/16/2024 12:18:06PM
	V	Volatile Organic	Compo	unds by EP.	A 8260B	}			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 (2450114-BLK1)						]	Prepared: 12	2/12/24 Ar	alyzed: 12/13/24
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	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.559		0.500		112	70-130			
LCS (2450114-BS1)						]	Prepared: 12	2/12/24 Ar	alyzed: 12/13/24
Benzene	2.56	0.0250	2.50		102	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.62	0.0250	2.50		105	70-130			
o-Xylene	2.71	0.0250	2.50		108	70-130			
p,m-Xylene	5.40	0.0500	5.00		108	70-130			
Total Xylenes	8.11	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.586		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			
LCS Dup (2450114-BSD1)						]	Prepared: 12	2/12/24 Ar	alyzed: 12/14/24
Benzene	2.59	0.0250	2.50		104	70-130	1.24	23	
Ethylbenzene	2.66	0.0250	2.50		106	70-130	1.25	27	
Toluene	2.63	0.0250	2.50		105	70-130	0.610	24	
o-Xylene	2.77	0.0250	2.50		111	70-130	2.03	27	
p,m-Xylene	5.52	0.0500	5.00		110	70-130	2.26	27	
Total Xylenes	8.29	0.0250	7.50		111	70-130	2.18	27	
Surrogate: Bromofluorobenzene	0.596		0.500		119	70-130			
Surroguie. Dromojnuorobenzene									
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			



# **QC Summary Data**

		$\mathbf{x} \in \mathcal{Z}$							
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw Ur .058-0007 io Gomez	nit 153H				<b>Reported:</b> 12/16/2024 12:18:06PM
	Volatile Organics by EPA 8021B								Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
							D 1.1	2/12/24	1 1 12/12/24
Blank (2450113-BLK1)						1	Prepared: 1	2/12/24 F	Analyzed: 12/13/24
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	6.92		8.00		86.5	70-130			
LCS (2450113-BS1)						I	Prepared: 1	2/12/24 <i>A</i>	Analyzed: 12/13/24
Benzene	4.97	0.0250	5.00		99.3	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			
LCS Dup (2450113-BSD1)						I	Prepared: 1	2/12/24 <i>A</i>	Analyzed: 12/13/24
Benzene	5.08	0.0250	5.00		102	70-130	2.32	20	
Ethylbenzene	4.85	0.0250	5.00		96.9	70-130	2.19	20	
Toluene	4.98	0.0250	5.00		99.6	70-130	2.23	20	
o-Xylene	4.83	0.0250	5.00		96.5	70-130	2.03	20	
	9.83	0.0500	10.0		98.2	70-130	2.08	20	
p,m-Xylene	9.65	0.0500	1010		2012				
p,m-Xylene Total Xylenes	9.83 14.7	0.0250	15.0		97.7	70-130	2.06	20	



# **QC Summary Data**

		QU N	umm		•				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ur 01058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:	(	Gio Gomez					12/16/2024 12:18:06
	No	onhalogenated (	Organics	s by EPA 801	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2450113-BLK1)							Prepared:	12/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			
LCS (2450113-BS2)							Prepared:	12/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			
LCS Dup (2450113-BSD2)							Prepared:	12/12/24	Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.0	70-130	1.30	20	



# **QC Summary Data**

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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Cotton Draw Ur 11058-0007 Gio Gomez	nit 153H				<b>Reported:</b> 12/16/2024 12:18:06PM
	No	onhalogenated O	rganics	by EPA 801	15D - GI	RO			Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2450114-BLK1)							Prepared: 12	2/12/24 A	nalyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							-
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.559		0.500		112	70-130			
LCS (2450114-BS2)							Prepared: 12	2/12/24 A	nalyzed: 12/14/24
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.4	70-130			
Surrogate: Bromofluorobenzene	0.605		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.555		0.500		111	70-130			
LCS Dup (2450114-BSD2)							Prepared: 12	2/12/24 A	nalyzed: 12/14/24
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130	4.31	20	
Surrogate: Bromofluorobenzene	0.600		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			



# **QC Summary Data**

Pima Environmental Services-Carlsbad		Project Name:	Co	otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	01	058-0007					
Plains TX, 79355-0247		Project Manager:	G	io Gomez					12/16/2024 12:18:06PM
	Nonh	alogenated Org	anics 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 (2450104-BLK1)							Prepared: 12	2/12/24 A	nalyzed: 12/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.1		50.0		122	50-200			
LCS (2450104-BS1)							Prepared: 12	2/12/24 A	analyzed: 12/15/24
Diesel Range Organics (C10-C28)	313	25.0	250		125	38-132			
Surrogate: n-Nonane	65.7		50.0		131	50-200			
LCS Dup (2450104-BSD1)							Prepared: 12	2/12/24 A	analyzed: 12/15/24
Diesel Range Organics (C10-C28)	301	25.0	250		121	38-132	3.90	20	
Surrogate: n-Nonane	61.0		50.0		122	50-200			



# **QC Summary Data**

				<i>.</i>					
Pima Environmental Services-Carlsbad		Project Name:	Co	otton Draw U	nit 153H				Reported:
PO Box 247		Project Number:	01	058-0007					
Plains TX, 79355-0247		Project Manager:	G	io Gomez					12/16/2024 12:18:06PM
	Nonh	alogenated Org	anics 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 (2450105-BLK1)							Prepared: 12	2/12/24 A	nalyzed: 12/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	50-200			
LCS (2450105-BS1)							Prepared: 12	2/12/24 A	analyzed: 12/13/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	53.9		50.0		108	50-200			
LCS Dup (2450105-BSD1)							Prepared: 12	2/12/24 A	analyzed: 12/13/24
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132	1.58	20	
Surrogate: n-Nonane	53.7		50.0		107	50-200			



# **QC Summary Data**

		<u> </u>		v					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ur 1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:		Gio Gomez					12/16/2024 12:18:06PM
		Anions l	by EPA	300.0/9056A	1				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 (2450121-BLK1)							Prepared: 12	2/13/24 A	nalyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450121-BS1)							Prepared: 12	2/13/24 A	nalyzed: 12/13/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2450121-BSD1)							Prepared: 12	2/13/24 A	nalyzed: 12/13/24
Chloride	257	20.0	250		103	90-110	0.0790	20	



# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ui )1058-0007	nit 153H				Reported:
Plains TX, 79355-0247		Project Manager:	(	Gio Gomez					12/16/2024 12:18:06PM
		Anions l	by EPA	300.0/9056A	1				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 (2450122-BLK1)							Prepared: 12	2/13/24	Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450122-BS1)							Prepared: 12	2/13/24	Analyzed: 12/13/24
Chloride	254	20.0	250		102	90-110			
LCS Dup (2450122-BSD1)							Prepared: 12	2/13/24	Analyzed: 12/13/24
Chloride	254	20.0	250		102	90-110	0.00590	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.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 12:18

ND A	nalyte NOT DETECTED at or abo	ove 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.



oject Info	orma	tion											of Custody														<u>1</u> 4	
ient: Pir oject: 0	na E	nviro	nme	ntal	Servic	es	771				ion: Jevo ss:	ill To 7		i ah i	NOH		o Usi	i On Lain 1	Y Aunob	ér	110	5 2	2D	TAT 3D	Standa		EPA Pro	ogran SDW
oiect Ma	anage	er: G	io G	ome	Ζ	12								24	<u>121</u>	<b>A</b> 8		Ölc	<u>58</u>	ler OCO	70	e						RCR
dress: {	5614	N. L	oving	gton	Hwy.					ity, S hone	tate, Zip						$\neg \uparrow$	Analy	sis an	d Meth		Т	<b>_</b>		-		$\rightarrow$	
ty, State none: 8					00240				·	mail	:			50	я Ч		- 1										tate	TVT
nail: g	io@r	oima	oil.co	m					F	oima	Project #	- 302-3		O by 8	0 by 8	8021	8260	2010	300.0			Σ	¥					<u> </u>
Time Time	<u>e oy:</u> Date Sampl		Matrix		No. of Containers	Sarr	ple ID						Lab Number	0RO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	BGDOC			Re	emarks	
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6:28							4-	3'					9									$\downarrow$						
6:30						1	4-	4'					10															
Addition								Ŧ	5/1/	NY	#2116	5284								ulting the	cmal orr	Kenz	tion m	ist be rec	aived on ice	the day the	ware same	led or ri
l, (field sam date or time	pler), a	ttest to	the val	lidity a	nd authe fraud any	nticity	of this s	ample.	l am av legal act	vare th tion.	at tampering with o Sample	r intentionally mislabe d by:	ellingthe samp	ple loca	tion,							bove	0 but le	ess than 6	i'C on subse			
Relinguish		(Signa			Da			Time			Repaired by: (Star	Gonzale	8 ]2-1.	ĿĽ	Tim	400	2	Re	ceive	d on l	ce:'	L V	ab U () N	se On I	Y			
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Relinquist			· · · ·	<u>y</u>	Da	te	1.24	Tim		S	Received by: (Sig	nature)	Date Z.	32		ĺΟ	-			mp °c		8			1990 - 1999 1990 - 1990 - 1990 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1			
Sample Ma	trix: S -	Soil, Se	1 - Solid	l, Sg - S	iludge, A						and	re made. Hazardou	Contair	ner Ty	pe: g	- glass	5 <b>, p</b> - (	poly/	plasti	c, ag - i	ambe	r gla	ISS, V	- VOA	mont for	the anal	reis of the	abou

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Duningt	Information
Project	Information

#### Chain of Custody

	tal Consisco	Bill To			Li	ib Us	ê Qniy	1			TAT	r	EPA P	rogram
ent: Pima Environmen Diect: Cotton Draw	Unit #153#	Attention: Devon		Lab W	0#	,	KID N			2D	3D	Standard	CWA	SDW.
oject Manager: Gio Go	mez	Address: City, State, Zip		PEH.	2011		Analys	is and Metho						RCR/
dress: 5614 N. Loving y, State, Zip Hobbs, N		Phone:					Ť							
one: 806-782-1151		Email:		by 8015	ដ							INMI CO	State	TXI
nail: gio@pimaoil.co	<u>m</u>	Pima Project # 1-302-	3	O	8021 8021	8260	2010	300.0	ž	¥		X		
port due by: Time Date Martin	No. of Contributer Sample ID		Lab	DRO/ORO I	GRO/DRO by 8021 BTEX by 8021	VOC by 8260	Metals 6010	Chloride	BGDOC	BGDOC		1	Remarks	;
ampled Sampled Matrix	Containers		Number	6		1 y	Σ	<del>.</del>	Ŵ	<del>ا</del>	$\left  \right $			
32 12/11 5	LN4	-Surface							$\downarrow$	<b> </b>				
34 [ ]	LNY	-['	12							-				
0.38	LNH	-2'	13									· · · · · · · · · · · · · · · · · · ·		
5:40	LN4	-3'	14						$\square$	<u> </u>				
5:42	LN4	-4'	15								ļ			
:48	LEY	Surface	10								<u> </u>			
:50	I.E4	-1'	[7]											
0.51	LEY	-2'	18											
2.53	LE4	-3'	19											
6:58	LE4	-4`	20											
Additional Instructions:		Billing#21165	284							•				
(field sampler), attest to the val	dity and authenticity of this sam	ple. I am aware that tampering with or intention	ly mislabellingthe sam	ple locatio	n,			les requiring therm d in ice at an avg te						npled or rec
late or time of collection is consid		for legal action. <u>Sampled by:</u> Ime Received by: (Signature)	Date		Time					ا d	Jse O	nly		
relinquished by: (Signature)	l	Mychelle Gon		2.2.4	140	0	Rec	eived on ice	= (	.y/	N		·	
Relinquished by: (Signature)		Time Received by (Signature)	Date 12.	12.24	10 <sup>10</sup>	13	11	a na ta ca	. 1	-  -		<b>1</b> 1	<u></u>	
Religioushed by: (Signature)	Date 12.12.24	Time Received by: (Signature)	Date BIS		I'me EU			diastic, ag - an	4					

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6	Project In	formatior	١
Imaging: 3/13/2025	Client: Pi Project: ( Project M Address: City, State	<b>0 / 10</b> / 1 lanager: 5614 N.	<u> </u>   
/20:	Phone: 8	806-782-	2 1
	Email: 9	gio@pim	8
4	Report d	ue by:	-
1:47:01	Time	Date	
10	Sampled	Sampled	
PM	7:00	12/11	



									Bill To				La	b Us	Qnh	1.		T		TA	Т		EPA Pr	ogram
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Project: C Project N	-0770	NI	<u>Jaw</u>	<u>vn17-</u>	#153#			ress:	<u> </u>		2	12	198	5	910	57	00	X						
Address:	FG1/	NI	ovingto	DO HWW				, State, Zip						7	Analys	is an	d Metho	bd						RCRA
				1. 88240		*	Pho											1	1					
phone: 8	206-7	R2-11	151			· · ·	Em	ail:			ង	8015		- 1				1	1	1 1		Teel	State	
Email:		oimac	oil.com						1-302-3		y 80	× 80	1	g		8		Σ				_	UTAZ	
Report d							Pir	na Project #	1.7003		l õ	ő	× 80	,82	8	це Э(			1 .			11		
Time	Date	.	Matrix	No. of	Sample ID	)				Lab	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks	
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					at the of this		<u></u>	that tampering with	h or intentionally mislabe	llingthe sam	ple loca	ition,			Samp	les req	uiring thern	nal pres	ervation	must be	received on lo	e the day	they are sam	pled or received
I, (field sar	npier), at	nest to	une validit	y and autrie od fraud and	I may be grou	nds for le	gal action	. Sam	npled by:						packe	ed in ico	a at an avg l	lemp ab			in 6°C on sub	sequent d	ауs. 	
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1 And	sul_		Solid Fr	- Studen A			<u> </u>			Contair	ner Ty	pe: g	- glas	s, p -	poly/	olasti	c, ag - a	mber	glass,	, v - VO	A			
				dans a filma	non-lite are r	anortad	unless o	ther arrangements	s are made. Hazardou	is samples v	vill be	return	ed to	client	or disp	posed	of at the	client	exper	nse. Th	e report fo	r the ar	alysis of th	e above
samples	is applic	able o	enly to the	ose sample	s received b	y the lat	oratory	with this COC. The	liability of the laborat	ory is limited	d to th	e amo	unt pa	aid for	Untain	c i cp								
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### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Pima Environmental Services-Carlsbad Da	te Received:	12/13/24 08	:00	Work Order ID: E412098
Phone:	(575) 631-6977 Da	te Logged In:	12/12/24 14	:41	Logged In By: Caitlin Mars
Email:	gio@pimaoil.com Du	e Date:	12/13/24 17	:00 (0 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match t	he COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was ti	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	-	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the	field,	Yes		<b>Comments/Resolution</b>
Samula	i.e, 15 minute hold time, are not included in this disucssion.				
	Turn Around Time (TAT) ne COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample	•		103		provided on COC. Project Cotton Draw
	a sample cooler received?		Yes		
	, was cooler received in good condition?		Yes		Unit #153H has been separated into 7
	he sample(s) received intact, i.e., not broken?		Yes		reports. WO are E412092 to E412098.
	e custody/security seals present?		No		
	s, were custody/security seals intact?		NA		
	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes		
12 Ifno	minutes of sampling visible ice, record the temperature. Actual sample tem		IC.		
		perature. <u>+</u>	<u>c</u>		
	Container aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum informa	tion:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
_	<u>Preservation</u>	wod9	Na		
	s the COC or field labels indicate the samples were preser	veu?	No NA		
	sample(s) correctly preserved? b filteration required and/or requested for dissolved metal	c?	NA No		
			INU		
	nase Sample Matrix		N		
	is the sample have more than one phase, i.e., multiphase?	9	No		
		4	NA		
	tract Laboratory				
	samples required to get sent to a subcontract laboratory?	1 0	No		
29. Was	a subcontract laboratory specified by the client and if so	who?	NA S	Subcontract Lab	o: NA

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



From:	Hall, Brittany, EMNRD
То:	Raley, Jim; Delrae Pima Oil
Cc:	Smith, Cory, EMNRD; Bratcher, Michael, EMNRD; Romero, Rosa, EMNRD; Decker, Lisa; Robison, Jason; NM TX Geo Group
Subject:	RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)
Date:	Thursday, March 13, 2025 1:19:00 PM
Attachments:	image001.png

Thank you for the response, Jim.

I will add copies of our email correspondence and Etech's sampling results to the open application for the remediation plan (application ID: 414187).

I will send any additional correspondence via either conditions of approval or reasons of rejection through the OCD Permitting website.

Thank you, **Brittany Hall ●** Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | Brittany.Hall@emnrd.nm.gov http://www.emnrd.nm.gov/ocd/

<u>Effective 12/1/2024</u>: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/</u>.

From: Raley, Jim <Jim.Raley@dvn.com>
Sent: Tuesday, March 11, 2025 12:43 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Delrae Pima Oil <delrae@pimaoil.com>
Cc: Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>;
Decker, Lisa <Lisa.Decker@dvn.com>; Robison, Jason <Jason.Robison@dvn.com>; NM TX Geo Group
<NMTXGeoGroup@etechenv.com>
Subject: RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

### Brittany,

Apologize for any delay. Below are my replies to your questions.

1. How is Devon choosing which sample event to utilize for this incident? Please include the justification of choosing.

Devon is choosing to use both the second round of PIMA soil samples and the most recent Etech soil samples to drive remediation for this Incident. The PIMA soil samples will drive vertical advancement of the excavation, while Etech soil samples will drive the horizontal extent. Ultimately, confirmation soil samples from the excavation floor and sidewalls will be the final driver vertically and horizontally. Even though Devon doesn't fully understand why the PIMA samples exhibited much higher TPH concentrations, Devon recognizes and respects the laboratory analytical results and effectively wants to remove said concentrations. The Etech soil samples will be used for the initial horizontal extent of the excavation, because they are the most recent collected soil samples.

# 2. Explain why the analytical results from 3 separate sampling events not correlate with each other?

Devon recognizes the discrepancies between the 8/2/2024 and 12/11/2024 PIMA data sets and the 12/11/2024 PIMA data set and the Etech data set. Devon believes that the apparent 12/11/2024 PIMA data set anomaly may have been human error contributed to soil samples being mixed up with another Cotton Draw site due to the similar nomenclature used and incorrect COC procedures as denoted on the Sample Receipt Checklist for 12/11/2024 soil samples. The Sample Receipt Checklist for 8/2/2024 PIMA soil samples also denoted an "incomplete" COC. The soil sample concentrations of the 8/2/2024 PIMA soil samples and the Etech soil samples are similar and such minor discrepancies may be due to the fact that discrete samples/delineation samples are specific to that location and depth. Even though Etech attempted to collect soil samples as close as possible to all of the previous locations, some variability is to be expected (concerning the first round of PIMA samples and Etech soil samples). I.e. Soil samples are collected and placed in a plastic bag, a soil aliquot is removed from the bag and then packaged into a pre-cleaned lab-provided glass jar, and then at least one other soil aliquot is then taken from the jar and then analyzed by the lab.

3. Why is Etech's mapped "area of concern" larger than what Pima and Devon have reported in the past?

The Area of Concern (AOC) provided by Etech was an estimate based on PIMA's figures. Etech tried to match the area as best as possible given identifiable markings on the figure imagery but errored on the side of caution for the purpose of investigation.

4. What was the justification for Etech collecting more samples than what were collected previously?

Etech conducted delineation soil sampling at all of the previous sampling locations and added additional delineation locations to fill in the "gaps" to better understand concentrations of chloride, TPH, and BTEX in the soils throughout the AOC. Additional data helps outline a more secure Scope of Work (SOW) for potential future remediation.

5. What are Devon's next steps to advance NAB1911658680 to remediation closure? Application ID: 414187 is still pending my review.

As outlined above, Devon proposes to excavate the AOC, as defined by Etech, up to 4 feet below ground surface or as further determined by excavation confirmation soil sampling laboratory analytical results. Upon receipt of confirmation that residual impacts have been excavated from the Site, Devon will backfill the excavation with "clean" soil as confirmed by laboratory analytical results and prepare a Closure Request Report and/or Reclamation Report, as appropriate. Devon believes these measures will be protective of human health and the environment, and requests approval from the NMOCD to proceed as proposed.

### Appreciate you working with Devon to resolve this issue.

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



From: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>

Sent: Friday, February 21, 2025 11:37 AM

**To:** Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>>

Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>;

Decker, Lisa <<u>Lisa.Decker@dvn.com</u>>; Robison, Jason <<u>Jason.Robison@dvn.com</u>>; NM TX Geo Group <<u>NMTXGeoGroup@etechenv.com</u>>

**Subject:** RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Jim,

The attached set of sampling results again shows a discrepancy between the previous sampling results and does not explain how or why the soil sampling results have been so variable over a relatively short timeframe.

During Pima's 8/2/2024 sampling event, all TPH and BTEX results were non-detect and the chlorides ranged from non-detect to 534 mg/kg for S1 through S5 and SW1 and SW4.

During Pima's 12/11/2024 sampling event of the same release footprint, TPH results were drastically different ranging from non-detect to 5,170 mg/kg.

During Etech's sampling event, the footprint of the "area of concern" measures approximately 1,077 square feet, which is approximately 220 square feet larger than the reported square footage (856 square feet) on the C-141 submitted under application ID: 414187. Etech also collected more samples which returned drastically different results than what were reported in both of Pima's sampling events. The results for the samples that were collected by Etech at 1 foot below ground surface were below laboratory detection limit detection limits in all boreholes, but Pima's samples collected on 12/11/2024 at 1 foot below ground surface returned TPH results ranging from 3,750 mg/kg to 5,170 mg/kg.

Can you please explain the following:

- 1. How is Devon choosing which sample event to utilize for this incident? Please include the justification of choosing.
- 2. Explain why the analytical results from 3 separate sampling events not correlate with each other?
- 3. Why is Etech's mapped "area of concern" larger than what Pima and Devon have reported in the past?
- 4. What was the justification for Etech collecting more samples than what were collected previously?
- 5. What are Devon's next steps to advance NAB1911658680 to remediation closure? Application ID: 414187 is still pending my review.

Please do not hesitate to reach out if you have any questions or require any additional information.

Thank you,

Brittany Hall ● Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | Brittany.Hall@emnrd.nm.gov http://www.emnrd.nm.gov/ocd/

<u>Effective 12/1/2024</u>: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> or <u>https://www.emnrd.nm.gov/ocd/ocd-forms/</u>.

From: Raley, Jim <<u>Jim.Raley@dvn.com</u>>

Sent: Wednesday, February 19, 2025 1:55 PM

To: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>> Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>; Decker, Lisa <<u>Lisa.Decker@dvn.com</u>>; Robison, Jason <<u>Jason.Robison@dvn.com</u>>; NM TX Geo Group <<u>NMTXGeoGroup@etechenv.com</u>>

Subject: RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Brittany,

Attached is the follow up samples and sampling notifications for Cotton Draw Unit #153H (Incident#NAB1911658680). These samples were collected by E-Tech.

In reviewing your email for this response I see you had requested I email you separately when the sampling notifications were submitted to OCD, I overlooked this and apologize. Please let me know if you would like anything further in regards to this incident.

**Jim Raley |** Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220

C: (575)689-7597 | jim.raley@dvn.com



From: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>
Sent: Monday, January 27, 2025 12:00 PM
To: Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>>
Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>;

Decker, Lisa <<u>Lisa.Decker@dvn.com</u>>; Robison, Jason <<u>Jason.Robison@dvn.com</u>> **Subject:** RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Jim,

The soil sampling plan and procedure is conditionally approved.

The area of concern must be fully delineated, both horizontally and vertically. Additional sample points may need to be added to fully delineate the release.

Proposed sampling locations should be collected as close as possible to the original borehole locations identified in the 8/2/2024 and 12/11/2024 sampling events as these sampling events returned results drastically different from one another. The 8/2/2024 sampling event indicated that there was no contamination found above the closure criteria but the 12/11/2024 sampling event indicated that there was contamination above the closure criteria.

Be advised that OCD does not accept site assessment/delineation soil samples as closure samples. If delineation/site assessment samples return results below the closure criteria are to be proposed to be used as closure samples, a variance request must be submitted with the remediation closure report as a request for acceptance of using delineation grab samples as closure samples was not specified in the sampling plan. Any variance request must include a detailed statement explaining the need for a variance; and a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment pursuant to 19.15.29.14 A. (1) and (2) NMAC. The variance must also include a statement as to why the results of the samples collected on 12/11/2024 should not be considered as accurate data and the release should be closed.

When the C-141N is submitted, please send me a notification via email that the C-141N has been submitted.

Alternatively, Devon can choose to remediate the area and collect closure confirmation samples and submit a remediation closure report.

Please include a copy of this email chain and the Sampling Plan and Procedures in the next submittal.

Thank you, **Brittany Hall** • Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | Brittany.Hall@emnrd.nm.gov http://www.emnrd.nm.gov/ocd/ <u>Effective 12/1/2024</u>: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

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From: Raley, Jim <Jim.Raley@dvn.com>
Sent: Monday, January 27, 2025 6:05 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Delrae Pima Oil <delrae@pimaoil.com>
Cc: Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>;
Decker, Lisa <Lisa.Decker@dvn.com>; Robison, Jason <Jason.Robison@dvn.com>
Subject: RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Brittany,

Please find attached sampling plan for incident NAB1911658680.

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



From: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>
Sent: Tuesday, January 21, 2025 7:45 AM
To: Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>>
Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>;
Decker, Lisa <<u>Lisa.Decker@dvn.com</u>>; Robison, Jason <<u>Jason.Robison@dvn.com</u>>
Subject: RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Jim, Thank you. I will keep an eye out for that email.

Thank you, **Brittany Hall** • Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | Brittany.Hall@emnrd.nm.gov http://www.emnrd.nm.gov/ocd/

<u>Effective 12/1/2024</u>: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

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From: Raley, Jim <<u>Jim.Raley@dvn.com</u>> Sent: Tuesday, January 21, 2025 7:34 AM

To: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>> Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>; Decker, Lisa <<u>Lisa.Decker@dvn.com</u>>; Robison, Jason <<u>Jason.Robison@dvn.com</u>> Subject: RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Brittany,

Yes. We will reply back with the sampling procedures and proposed locations.

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



From: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>
Sent: Tuesday, January 21, 2025 7:32 AM
To: Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>>
Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>;
Decker, Lisa <<u>Lisa.Decker@dvn.com</u>>; Robison, Jason <<u>Jason.Robison@dvn.com</u>>
Subject: RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Good morning Jim,

Can you, or the separate environmental contractor who will be performing the additional sampling, provide sampling procedures and the locations of where the sampling will occur?

Please provide the analytical results, a site map (including the sampling locations, depths,

etc.), and photos of the sampling taking place.

Thank you, **Brittany Hall** ● Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | Brittany.Hall@emnrd.nm.gov http://www.emnrd.nm.gov/ocd/

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From: Raley, Jim <<u>Jim.Raley@dvn.com</u>>
Sent: Monday, January 20, 2025 2:09 PM
To: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>>
Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>;
Decker, Lisa <<u>Lisa.Decker@dvn.com</u>>; Robison, Jason <<u>Jason.Robison@dvn.com</u>>
Subject: RE: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Brittany,

After reviewing the sampling data, speaking with Ms. Geller, and personally visiting the site, I am uncertain as to why sampling has different results.

To ensure the data is correct we will have a separate third-party environmental company sample that spill area again. I will then follow-up to this email with the results to ensure we have the correct data for you to evaluate the proposed remediation workplan.

Would our recommended next step satisfy NMOCD's concerns?

**Jim Raley** | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220

C: (575)689-7597 | jim.raley@dvn.com



From: Hall, Brittany, EMNRD <<u>Brittany.Hall@emnrd.nm.gov</u>>
Sent: Friday, January 17, 2025 2:56 PM
To: Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>>
Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>
Subject: [EXTERNAL] RE: Cotton Draw Unit #153H (Incident#NAB1911658680)

Good afternoon,

Can I get an update on the requested information (please see below).

Thank you, **Brittany Hall ●** Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | Brittany.Hall@emnrd.nm.gov http://www.emnrd.nm.gov/ocd/

<u>Effective 12/1/2024</u>: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> or <u>https://www.emnrd.nm.gov/ocd/ocd-forms/</u>.

From: Hall, Brittany, EMNRD
Sent: Monday, January 6, 2025 2:02 PM
To: Raley, Jim <<u>Jim.Raley@dvn.com</u>>; Delrae Pima Oil <<u>delrae@pimaoil.com</u>>
Cc: Smith, Cory, EMNRD <<u>Cory.Smith@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>; Romero, Rosa, EMNRD <<u>RosaM.Romero@emnrd.nm.gov</u>>
Subject: Cotton Draw Unit #153H (Incident#NAB1911658680)

Mr. Raley and Ms. Geller,

I am reviewing the remediation plan that was submitted for the above referenced incident number that was submitted under application ID 414187.

Samples S1 through S5 collected 8/2/2024 returned TPH results of non-detect. After the sampling plan was submitted and approved, those same sampling locations plus the two additional sampling locations (S6 and S7) collected on 12/11/2024 returned results for TPH that are vastly different. Additionally, the chloride sample results are not correlating with each other in the two different sampling events.

Can you please provide an explanation of the discrepancies?

A copy of the response will be uploaded to the application.

Thank you, **Brittany Hall ●** Environmental Specialist Environmental Bureau Projects Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110 505.517.5333 | <u>Brittany.Hall@emnrd.nm.gov</u> <u>http://www.emnrd.nm.gov/ocd/</u>

<u>Effective 12/1/2024</u>: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <u>https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/</u> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

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<b>E</b> TEC	H			Devon	Table 1 SAMPLE ANALYTI Energy Productio Cotton Draw Un Eddy County, Nev	n Company, LP it #153				
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	10,000
	,			Delineation S	oil Samples - Incident	Number NAB191165868	80			
BH01	02/05/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.7
BH01	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139
BH01	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	281
BH01	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	397
BH01	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	972
BH02	02/05/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.8
BH02	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	89.2
BH02	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	381
BH02	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.5
BH03	02/05/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.5
BH03	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	191
BH03	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	602
BH03	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.7
BH04	02/05/2025	0.5	<0.0250	<0.0500	<20.0	66.6	64.1	66.6	131	38.2
BH04	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	199
BH04	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	200
BH04	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	198
BH04	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.1
BH05	02/06/2025	0.5	<0.0250	<0.0500	<20.0	76.4	71.6	76.4	148	36.6
BH05	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
BH05	02/06/2025	2	<0.0250	<0.0500	<20.0	26.4	<50.0	26.4	26.4	<20.0
BH05	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.4
BH05	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.4

<b>E</b> TEC	H			Devon	Table 1 SAMPLE ANALYTI Energy Productio Cotton Draw Un Eddy County, Nev	n Company, LP it #153				
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	10,000
	,			Delineation S	oil Samples - Incident	Number NAB191165868	80			
BH06	02/06/2025	0.5	<0.0250	<0.0500	<20.0	58.9	54.9	58.9	114	39.0
BH06	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	134
BH06	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.5
BH06	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	234
BH07	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	130
BH07	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	266
BH07	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.7
BH07	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.2
BH08	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	134
BH08	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	266
BH08	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.0
BH08	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.2
BH09	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.4
BH09	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	141
BH09	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	284
BH09	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.3
BH10	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	147
BH10	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	268
BH10	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

GTEC	H			Devon	Table 1 SAMPLE ANALYTI Energy Productio Cotton Draw Un Eddy County, Nev	n Company, LP it #153				
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Release (NMAC 19.15.2		Is Impacted by a	10	50	NE	NE	NE	1,000	2,500	10,000
	,			Delineation S	oil Samples - Incident	Number NAB191165868	80			
	02/07/2025	0.5	<0.0250	<0.0500	<20.0	962	942	962	1,904	317
BH11	02/07/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	787
BH11	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	720
BH11	02/07/2025	3	<0.0250	<0.0500	<20.0	45.8	<50.0	45.8	45.8	1,200
BH11	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
BH12	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.9
BH12	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	586
BH13	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.1
BH13	02/07/2025	4	<0.0250	<0.0500	<20.0	52.8	<50.0	52.8	52.8	36.6
BH14	02/07/2025	0.5	<0.0250	<0.0500	<20.0	38.1	<50.0	38.1	38.1	21.2
BH14	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.6
BH14	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.1
BH14	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.8
BH14	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	99.7
BH15	02/07/2025	0.5	<0.0250	<0.0500	<20.0	62.1	<50.0	62.1	62.1	26.2
BH15	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH15	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.2
BH15	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH15	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	133

GIEC				Devon	Table 1 SAMPLE ANALYTI Energy Productio Cotton Draw Un Eddy County, Nev	n Company, LP it #153				
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	10,000
	- /			Delineation S	l oil Samples - Incident	L Number NAB191165868	80			
BH16	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	117
BH16	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.7
BH16	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.2
BH16	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH16	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.7
BH17	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.6
BH18	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.3
BH19	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.9
BH19	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.7
BH19	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.7
BH19	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.4
BH19	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.2
BH20	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.2
BH20	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	67.9
BH20	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.0
BH20	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.3
BH20	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.2

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon NMOCD: New Mexico Oil Conservation Division NMAC: New Mexico Administrative Code Text in "grey" represents excavated soil samples

Concentrations in bold exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard<sup>+</sup> for Soils Impacted by a Release

<sup>†</sup>The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

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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

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QUESTIONS

Action 414187

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	414187
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Prerequisites		
Incident ID (n#)	nAB1911658680	
Incident Name	NAB1911658680 COTTON DRAW UNIT #153H @ 30-015-38535	
Incident Type	Produced Water Release	
Incident Status	Remediation Plan Received	
Incident Well	[30-015-38535] COTTON DRAW UNIT #153H	

#### Location of Release Source

Please	answer	all the	questions in	n this gro	up.	

Site Name	COTTON DRAW UNIT #153H
Date Release Discovered	08/14/2018
Surface Owner	Federal

#### Incident Details

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

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Valve   Crude Oil   Released: 5 BBL   Recovered: 3 BBL   Lost: 2 BBL.			
Produced Water Released (bbls) Details	Cause: Equipment Failure   Valve   Produced Water   Released: 5 BBL   Recovered: 2 BBL   Lost: 3 BBL.			
Is the concentration of chloride in the produced water >10,000 mg/l	Yes			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.			

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

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QUESTIONS, Page 2

Action 414187

QUESTIONS (continued)			
	OGRID:		
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	6137 Action Number:		
Oklahoma City, OK 73102	414187		
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)		

QUESTIONS

Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No		
Reasons why this would be considered a submission for a notification of a major release	Unavailable.		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.			

Initial Response			
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.			
The source of the release has been stopped	True		
The impacted area has been secured to protect human health and the environment	True		
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	t True		
All free liquids and recoverable materials have been removed and managed appropriately	True		
	Not answered. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of		
actions to date in the follow-up C-141 submission. If remedial efforts have been successfully complet Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-111 submission		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/20/2024		

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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

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QUESTIONS, Page 3

Action 414187

QUESTIONS	(continued)
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Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	414187	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

#### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

#### Remediation Plan

Please answer all the questions	that apply or are indicated. This information must be provided t	o 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 de	emonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertic	al extents of contamination been fully delineated	Yes
Was this release entirely of	contained within a lined containment area	No
Soil Contamination Samplin	g: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	1000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	5170
GRO+DRO	(EPA SW-846 Method 8015M)	3660
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence 01/19/2025		
On what date will (or did)	the final sampling or liner inspection occur	12/11/2024
On what date will (or was)	the remediation complete(d)	02/19/2025
What is the estimated surf	face area (in square feet) that will be reclaimed	856
What is the estimated volu	ume (in cubic yards) that will be reclaimed	48
What is the estimated surf	face area (in square feet) that will be remediated	856
What is the estimated volu	ume (in cubic yards) that will be remediated	48
These estimated dates and meas	urements are recognized to be the best guess or calculation at t	he time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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

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QUESTIONS, Page 4

Action 414187

QUESTIONS (continued)		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
	Action Number: 414187	
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

#### QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:			
(Select all answers below that apply.)			
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes		
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]		
OR which OCD approved well (API) will be used for off-site disposal	Not answered.		
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.		
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.		
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.		
(In Situ) Soil Vapor Extraction	Not answered.		
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.		
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.		
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.		
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.		
OTHER (Non-listed remedial process)	Not answered.		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	fforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC		
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases 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: 12/20/2024 The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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	5

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Action 414187

QUESTIONS (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	414187	
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

#### QUESTIONS

Ī	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	Νο

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QUESTIONS, Page 6

Action 414187

 QUESTIONS (continued)

 Operator:
 DEVON ENERGY PRODUCTION COMPANY, LP
 0GRID:

 333 West Sheridan Ave.
 6137

 Oklahoma City, OK 73102
 Action Number:

 414187
 414187

Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

ampling Event Information		
Last sampling notification (C-141N) recorded	368913	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/02/2104	
What was the (estimated) number of samples that were to be gathered	24	
What was the sampling surface area in square feet	856	

#### Remediation Closure Request

 Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

 Requesting a remediation closure approval with this submission
 No

Released to Imaging: 3/13/2025 1:47:01 PM

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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

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CONDITIONS

Action 414187

CONDITIONS

Ope	rator:	OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
	333 West Sheridan Ave.	Action Number:
	Oklahoma City, OK 73102	414187
		Action Type:
		[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### CONDITIONS

-		
Ву		Date
bhall	Remediation plan conditionally approved.	3/13/2025
bhall	Per email correspondence between OCD and Devon personnel, "Devon is choosing to use both the second round of PIMA soil samples and the most recent Etech soil samples to drive remediation for this Incident. The PIMA soil samples will drive vertical advancement of the excavation, while Etech soil samples will drive the horizontal extent." The email correspondence and the Etech soil samples and table have been added to this application.	3/13/2025
bhall	Etech's analytical data from the 2/5/2025 sampling event must be included in the next submittal.	3/13/2025
bhall	OCD approves the dig and haul of contaminated soils however, OCD does not approve the proposed depth or lateral extent of the proposed excavation as field conditions may determine a larger and deeper excavation is required than what is proposed.	3/13/2025
bhall	An OCD representative WILL be on-site to observe the collection of the confirmation/final samples. OCD is requesting that in addition to the C-141N being submitted, an email be sent to brittany.hall@emnrd.nm.gov that includes the date and time of when confirmation/final samples will be collected. Without OCD witnessing the collection of the confirmation/final sampling, the samples will not be accepted for closure.	3/13/2025
bhall	Submit a complete and accurate report through the OCD Permitting website by 6/13/2024.	3/13/2025