

May 14, 2025

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

Re: Reclamation Closure Report Cotton Draw Unit 167 CTB API No. N/A GPS: Latitude 32.167493 Longitude -103.732874 UL - N, Sect 36, T24S, R31E Eddy County, NM NMOCD Ref. No. NAPP2103458288

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to submit this Reclamation Closure Report for a produced water release that occurred at the Cotton Draw Unit 167 CTB (Cotton). The initial C-141 was submitted on February 3, 2021 (Appendix C). This incident was assigned Incident ID NAPP2103458288 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Cotton is located approximately twenty (20) miles southeast of Malaga, NM. This spill site is in Unit N, Section 36, Township 24S, Range 31E, Latitude 32.167493 Longitude -103.732874, 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 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 Cotton (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 222 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 406 feet BGS. The closest waterway is the Pecos River located approximately 13.75 miles to the west of this location. See Appendix A for referenced water surveys.

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

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2103458288: On January 21, 2021, a line to the heater treater developed a leak causing a fluid to be released on the pad. The released fluids were calculated to be approximately 11.9 barrels (bbls) of produced water. A vacuum truck was able to recover approximately 10 bbls of standing fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

June 15, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

	6/15/23 Soil Sample Results										
N	IMOCD Tak	ole 1 Closure	Criteria 19.	15.29 NMAC	(Depth to	Groundwater	is <50')				
	DEVON ENERGY - COTTON DRAW UNIT 167										
Sample Date: 6/15/2023 NM Approved Laboratory Results											
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg			
	1'	ND	ND	ND	ND	ND	0	345			
S-1	2'	ND	ND	ND	ND	ND	0	82.4			
5-1	3'	ND	ND	ND	ND	ND	0	32.1			
	4'	ND	ND	ND	ND	ND	0	450			
	1'	ND	ND	ND	ND	ND	0	46.1			
S-2	2'	ND	ND	ND	ND	ND	0	60.2			
5-2	3'	ND	ND	ND	ND	ND	0	25.5			
	4'	ND	ND	ND	ND	ND	0	452			
	1'	ND	ND	ND	ND	ND	0	1130			
S-3	2'	ND	ND	ND	ND	ND	0	20.1			
5-3	3'	ND	ND	ND	ND	ND	0	28.2			
	4'	ND	ND	ND	ND	ND	0	469			
	1'	ND	ND	ND	ND	ND	0	1100			
	2'	ND	ND	ND	ND	ND	0	ND			
S-4	3'	ND	ND	ND	ND	ND	0	35.6			
	4'	ND	ND	ND	66.1	ND	66.1	490			
SW 1	6"	ND	ND	ND	ND	ND	0	111			
SW 2	6"	ND	ND	ND	ND	ND	0	130			
SW 3	6"	ND	ND	ND	ND	ND	0	131			
SW 4	6"	ND	ND	ND	ND	ND	0	178			
BG 1	6"	ND	ND	ND	ND	ND	0	163			

6/15/23 Soil Sample Results

ND- Analyte Not Detected

On July 19, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the area to a depth of 2' BGS. The contaminated soil 28 cubic yards was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On July 24, 2023, after sending a 48-hour notification (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5. Complete laboratory reports can be found in Appendix E.

	7-24-25 Commutation Sample Results									
N	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
	DEVON ENERGY - COTTON DRAW UNIT 167									
Sample Date: 7/24/2023 NM Approved Laboratory Results										
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg		
CS 1 Bottoms	2'	ND	ND	ND	ND	ND	0	ND		
CS 2 Bottoms	2'	ND	ND	ND	ND	ND	0	ND		
CS 3 Bottoms	2'	ND	ND	ND	ND	ND	0	ND		
CS 4 Bottoms	2'	ND	ND	ND	ND	ND	0	ND		
CS 5 Bottoms	2'	ND	ND	ND	ND	ND	0	ND		
CSW 1	2'	ND	ND	ND	ND	ND	0	ND		
CSW 2	2'	ND	ND	ND	ND	ND	0	ND		
CSW 3	2'	ND	ND	ND	ND	ND	0	ND		
CSW 4	2'	ND	ND	ND	ND	ND	0	ND		

7-24-23 Confirmatio	on Sample Results
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ND-Analyte Not Detected

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

A Remediation Closure Report was submitted on August 3, 2023, and was approved by NMOCD on January 17, 2024, pending submission of a Reclamation Closure Report.

Reclamation Activities

The release and reclamation extent were on the pad and the area was remediated according to 19.15.29.12 NMAC. The confirmation lab sample results verified all samples within the top 4 feet of soil in this area includes non-waste containing, earthen material with chloride levels that are less than 600 mg/kg and TPH concentrations less than 100 mg/kg per 19.15.29.13 NMAC.

On May 2, 2025, two 5-point composite samples were collected from the backfilled area. The results of this sampling event are provided in the following table. The lab results from this sampling event were received on May 6, 2025, and verified that the excavated area was backfilled with clean soil. Complete Laboratory Reports can be found in Appendix E.

5-2-2025 Soil Sample Results										
	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
DEVON ENERGY Cotton Draw Unit 167 CTB										
Date: 5-2-25			NM Approved Laboratory Results							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg		
BACKFILL 1	COMP	ND	ND	ND	ND	ND	ND	ND		
BACKFILL 2	COMP	ND	ND	ND	ND	ND	ND	ND		

ND- Analyte Not Detected

Reclamation activities will be carried out within 25 years, provided that production and/or subsequent drilling operations have been completed. Seeding will be completed when the caliche is removed at the time of final reclamation of the site. Devon personnel will monitor vegetative growth to ensure the reclamation activities performed were sufficient. Monitoring will include inspections conducted at least semi-annually until revegetation is considered complete. The inspections will include monitoring and treating the reclamation for unauthorized traffic, erosion, and invasive or noxious weeds. When it has been determined that vegetation has been established that reflects pre-disturbance vegetation cover with a total percent plant cover of greater than 70% of pre-disturbance area levels, excluding invasive or noxious weeds, a final revegetation report will be submitted for review/approval.

Devon respectfully requests approval of this Reclamation Closure Report for the release area associated with this incident.

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- Confirmation Sample Map

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C – C-141 Form and 48 Hour Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports

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Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

5-Confirmation Sample Map

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Devon Energy API: N/A Eddy County, NM Location Map

Legend

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20 Miles SE of Malaga, NM

4 Cotton Draw Unit 167 CTB

Cotton Draw Unit 167 Battery

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Appendix A

Water Surveys: OSE USGS Surface Water Map



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a	(R=POD replaced, O=orpha C=the fil	ned,		(qua	urters	s are	1=NW	/ 2=NE	3=SW 4=SE	3)				
water right file.)	closed)	DOD		(qua	rter	s are	smalle	est to lar	gest) (N	IAD83 UTM in m	eters)	(In f	eet)	
		POD Sub-		QQ	Q								W	Vater
POD Number	Code		County					0	X	Y	DistanceDep	-	hWater Co	lumn
<u>C 02373</u>		CUB	LE	4	1	32	24S	34E	641979	3560916*	2165	600		
<u>C 03942 POD1</u>		CUB	LE	3 1	2	35	24S	34E	647005	3561246 🌍	3289	420	222	198
<u>C 03943 POD1</u>		CUB	LE	2 4	2	21	24S	34E	644523	3564266 🌍	4282	610	431	179
<u>C 02315</u>		CUB	LE	2 4	2	15	25S	34E	646095	3556194 🌍	4386	175	135	40
<u>C 02314</u>		CUB	LE	2 4	2	15	25S	34E	646116	3556179 🌍	4410	175	135	40
<u>C 02401</u>		CUB	LE	2 2	1	01	25S	34E	648534	3559896* 🔵	4584	275	260	15
<u>C 04042 POD1</u>		CUB	LE	2 1	4	36	24S	34E	648539	3561545 🌍	4833			
										Avera	ge Depth to Wat	er:	236 fee	:t
											Minimum De	pth:	135 fee	:t
											Maximum De	pth:	431 fee	t
Record Count: 7												· · · ·		
UTMNAD83 Radiu	s Search (iı	n meters)	<u>:</u>											
Easting (X): 643	951.7		Nortl	hing (Y): 3	3560	021.9			Radius: 5000				
*UTM location was derived The data is furnished by the N		-												

8/1/23 10:05 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
0000 Water Resources	Groundwater 🗸	United States	✓
			GO

Click to hideNews Bulletins

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

GO

• 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

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 (N99990THER) national aquifer. This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

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



USGS 320952103444401 255.31E.02.214411

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

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

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-09-23 15: 30: 27 EDT 0.55 0.48 nadww01



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Malaga

Devon Energy API: N/A Eddy County, NM Surface Water Map

Livingston Wheeler

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Cotton Draw Unit 167 CTB

Pecos River

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Cotton Draw Unit 167 Battery

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Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Eddy Area, New Mexico

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

Map Unit Setting

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

Map Unit Composition

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

Description of Berino

Setting

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

Typical profile

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

Properties and qualities

Slope: 0 to 3 percent Depth to restrictive feature: More than 80 inches Drainage class: Well drained Runoff class: Low Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr) Depth to water table: More than 80 inches Frequency of flooding: None Frequency of flooding: 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: R042XC003NM - 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: R042XC003NM - Loamy Sand Hydric soil rating: No

Minor Components

Cacique

Percent of map unit: 4 percent Ecological site: R042XC004NM - Sandy Hydric soil rating: No

Wink

Percent of map unit: 4 percent Ecological site: R042XC003NM - Loamy Sand 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: R042XC003NM - Loamy Sand *Hydric soil rating:* No

Kermit

Percent of map unit: 3 percent Ecological site: R042XC005NM - Deep Sand Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021



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Legend

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

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National Wetlands Inventory

Wetlands Map



August 1, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland Released to Imaging: 7/9/2025 8:39:45 AM Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

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



Appendix C

C-141 Form 48-Hour Notification District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

32.167493

State of New Mexico Energy Minerals and Natural Resources Department

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

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Incident ID	NAPP2103458288
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137				
Contact Name Amanda Davis	Contact Telephone 575-748-0176				
Contact email Amanda.Davis@dvn.com	Incident # (assigned by OCD)				
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210					

Location of Release Source

Latitude

Longitude -103.732874

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Cotton Draw Unit 167 CTB	Site Type Oil
Date Release Discovered 1/21/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	36	24S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 11.9 BBLS	Volume Recovered (bbls) 10 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release The	line to the heater treater developed a leak.	All fluid stayed on location.

eceived by	OCD: 5/21/2025	1:03:17 PM	of New Mexico
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Incident ID	NAPP2103458288
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	
19.15.29.7(A) NMAC?	
Yes No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Title: EHS Associate
Date: 2/3/2021
Telephone: 575-748-0167

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NAPP2103458288

Spill Volume(Bbls) Calculator Inputs in blue, Outputs in red			
	Soil measurement		
Area (square feet)	Depth(inches)		
142.401	0.010		
Cubic Feet of Soil Impacted	0.119		
Barrels of Soil Impacted	0.02		
Soil Type	Sand		
Barrels of Oil Assuming 100% Saturation	0.00		
Saturation Fluid pr	esent with shovel/backhoe		
Estimated Barrels of Oil Released	0.00		
Free Standing Fluid Only			
Area (square feet)	Depth(inches)		
<u>142.401</u>	<u>0.010</u>		
Standing fluid	0.021		
Total fluids spilled	0.025		

Contaminated Soil measurement			
And the state of t			
Area (square feet)	Depth(inches)		
292.856	0.250		
Cubic Feet of Soil Impacted	<u>6.101</u>		
Barrels of Soil Impacted	1.09		
Soil Type	Clay/Sand		
Barrels of Oil Assuming 100% Saturation	0.16		
Saturation Fluid pre	esent with shovel/backhoe		
Estimated Barrels of Oil Released	0.16		
Free Stand	ing Fluid Only		
Area (square feet)	Depth(inches)		
<u>292.856</u>	<u>0.250</u>		
Standing fluid	<u>1.088</u>		
Total fluids spilled	<u>1.251</u>		

Spills In Lined Containm e n t		
Measurements	Of Standing Fluid	
Length(Ft)	60	
Width(Ft)	16	
Depth(in.)	0.75	
¹ Total Capacity without tank displacements (bbls)	10.69	
No. of 500 bbl Tanks In Standing Fluid		
No. of Other Tanks In Standine Fluid		
OD Of Other Tanks In Standing Fluid(feet)	16	
otal Volume of standing luid accounting for tank displacement.		

Received by OCD: 5/21/2025 1:03:17 PM Form C-141 State of New Mexico

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Oil Conservation Division

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Incident ID	NAPP2103458288
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u><50</u> (ft bgs)
Did this release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	\Box Yes \mathbf{x} No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🔊 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 📐 No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🖈 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- x Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- x Field data
- x Data table of soil contaminant concentration data
- x Depth to water determination
- \mathbf{x} Determination of water sources and significant watercourses within $\frac{1}{2}$ -mile of the lateral extents of the release
- X Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 5/21/202 Form C-141 Page 4	25 1:03:17 PM State of New Mexico Oil Conservation Division			Incident ID District RP Facility ID Application ID	Page 29 of 218 NAPP2103458288
regulations all operators are a public health or the environm failed to adequately investiga	rmation given above is true and complete to the required to report and/or file certain release noti nent. The acceptance of a C-141 report by the C ate and remediate contamination that pose a three f a C-141 report does not relieve the operator of	fications OCD does eat to grou	and perform con not relieve the undwater, surface	rective actions for relea operator of liability sho ce water, human health o	ses which may endanger uld their operations have or the environment. In
Printed Name: Dale V	Voodall	_ Title: _	Environmen	tal Professional	
Signature: Dals We	rodall	Date: _	8/2/2023	_	
email: <u>dale.woodall@d</u>	<u>vn.com</u>	Teleph	one: <u>575-74</u>	8-1838	
OCD Only					
Received by:			Date:		

Page 6

Oil Conservation Division

Incident ID	NAPP2103458288
District RP	
Facility ID	
Application ID	

Closure

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

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \mathbf{x} Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

K Description of remediation activities

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

Printed Name: Dale Woodall	Title:	Environmental Professional
Printed Name: Dale Woodall Dale Woodall Signature:	Date:	8/2/2023
email: <u>dale.woodall@dvn.com</u>		575-748-1838
	relephone.	<i>515-1</i> -0-1050
OCD Only		
OCD Only		
Received by:	Da	ate:
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:]	Date:
Printed Name:		Title:



Gio PimaOil <gio@pimaoil.com>

Fri, Jul 21, 2023 at 2:07 PM

Cotton Draw Unit 167 Battery - 48 Hour Notification

1 message

sebastian@pimaoil.com <sebastian@pimaoil.com> To: ocdonline@state.nm.us

Cc: tom@pimaoil.com, Polly@pimaoil.com, Gio PimaOil <gio@pimaoil.com>

Good afternoon,

Pima Environmental would like to notify you that we will be conducting a confirmation sampling event at the Cotton Draw Unit 167 Battery (NAPP2103458288), on Monday July 24, 2023. Pima personnel will be on location at 6 am. Thank you.

Respectfully,

Sebastian Orozco

Project Manager

5614 N Lovington Hwy,

Hobbs, NM 88240

Sebastian@pimaoil.com

619-721-4813 cell





Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY COTTON DRAW UNIT 167 BATTERY

Site Assessment





Excavation



Page 35 of 218







Post Excavation








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 167

Work Order: E306145

Job Number: 01058-0007

Received: 6/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/23/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification Tl04704557 for data reported. Date Reported: 6/23/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 167 Workorder: E306145 Date Received: 6/19/2023 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/19/2023 8:00:00AM, under the Project Name: Cotton Draw Unit 167.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 167 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 Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 Ijarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

		Sample Sum	lilai y		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Cotton Draw Unit I 01058-0007 Tom Bynum	67	Reported: 06/23/23 09:19
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
51 - 1'	E306145-01A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
51 - 2'	E306145-02A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
1 - 3'	E306145-03A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
1 - 4'	E306145-04A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
2 - l'	E306145-05A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
2 - 2'	E306145-06A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
2 - 3'	E306145-07A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
2 - 4'	E306145-08A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
3 - 1'	E306145-09A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
3 - 2'	E306145-10A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
3 - 3'	E306l45-llA	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
3 - 4'	E306l45-l2A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
4 - 1'	E306145-13A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
4 - 2'	E306l45-l4A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
4 - 3'	E306l45-l5A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
4 - 4'	E306l45-l6A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
WI	E306l45-l7A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
W2	E306l45-l8A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
W3	E306l45-l9A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
W4	E306145-20A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.
3GI	E306l45-2lA	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.



	D	ampic Da	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	er: 0105	ton Draw Unit le 58-0007 n Bynum	57		Reported: 6/23/2023 9:19:07AM
· · · · · · · · · · · · · · · · · · ·	- J	S1 - 1'	y			
		E306145-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		80.4 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2325027
Chloride	345	40.0	2	06/20/23	06/20/23	



	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	oer: 0105	on Draw Unit 167 8-0007 1 Bynum	,		Reported: 6/23/2023 9:19:07AM
		S1 - 2'				
		E306145-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		79.5 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2325027
Chloride	82.4	20.0	1	06/20/23	06/20/23	

	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	on Draw Unit le 8-0007 1 Bynum	57		Reported: 6/23/2023 9:19:07AM
		S1 - 3'				
		E306145-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		80.5 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2325027
Chloride	32.1	20.0	1	06/20/23	06/20/23	

	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 0105	on Draw Unit 167 8-0007 1 Bynum	1		Reported: 6/23/2023 9:19:07AM
		S1 - 4'				
		E306145-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Analyst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		79.8 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2325027
Chloride	450	20.0	1	06/20/23	06/20/23	

Sample Data

	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	oer: 0105	on Draw Unit l67 8-0007 1 Bynum	7		Reported: 6/23/2023 9:19:07AM
		S2 - 1'				
		E306145-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Foluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		74.9 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2325027
Chloride	46.1	40.0	2	06/20/23	06/20/23	



	Sa	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 0105	on Draw Unit le 8-0007 1 Bynum	57		Reported: 6/23/2023 9:19:07AM
		S2 - 2'				
		E306145-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		77.2 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2325027
Chloride	60.2	20.0	1	06/20/23	06/20/23	

	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	oer: 0105	on Draw Unit l 8-0007 1 Bynum	67		Reported: 6/23/2023 9:19:07AM
		S2 - 3'				
		E306145-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		72.5 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2325027
Chloride	25.5	20.0	1	06/20/23	06/20/23	



	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	oer: 0105	on Draw Unit 16 8-0007 1 Bynum	7		Reported: 6/23/2023 9:19:07AM
		S2 - 4'				
		E306145-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		74.9 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2325027
Chloride	452	20.0	1	06/20/23	06/20/23	

Sample Data

	50	ample Da	ala			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit	167		
PO Box 247	Project Numbe	er: 0105	8-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Ton		6/23/2023 9:19:07AM		
		S3 - 1'				
		E306145-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
oluene	ND	0.0250	1	06/19/23	06/20/23	
-Xylene	ND	0.0250	1	06/19/23	06/20/23	
,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
urrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
urrogate: n-Nonane		72.8 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2325027
Chloride	1130	20.0	1	06/20/23	06/20/23	



	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 0105	on Draw Unit le 8-0007 1 Bynum	67		Reported: 6/23/2023 9:19:07AM
		S3 - 2'				
		E306145-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		66.6 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325027	
Chloride	20.1	20.0	1	06/20/23	06/20/23	



	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	on Draw Unit lé 8-0007 1 Bynum	57		Reported: 6/23/2023 9:19:07AM
		S3 - 3'				
		E306145-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		77.8 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	Analyst: BA		Batch: 2325027
Chloride	28.2	20.0	1	06/20/23	06/20/23	



	Sa	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	er: 0105	on Draw Unit l6 8-0007 1 Bynum	7		Reported: 6/23/2023 9:19:07AM
		S3 - 4'				
		E306145-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		79.8 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2325027
Chloride	469	20.0	1	06/20/23	06/20/23	



	Sa	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	er: 0105	on Draw Unit 8-0007 1 Bynum	167		Reported: 6/23/2023 9:19:07AM
		S4 - 1'				
		E306145-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		74.0 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325027	
Chloride	1100	20.0	1	06/20/23	06/20/23	

Note Vertice Verti	Sample Data								
E306145-14 Reporting Reporting Prepared Analyzet Notes Analyte Result Limit Dilution Prepared Analyzet Notes Senzene ND 0.0250 1 06/9/23 06/20/23 Batch: 23250/6 Senzene ND 0.0250 1 06/19/23 06/20/23 Occ20/23 Obluene ND 0.0250 1 06/19/23 06/20/23 Occ20/23 -Xylene ND 0.0250 1 06/19/23 06/20/23 Occ20/23 Otogate: Analyset ND 0.0250 1 06/19/23 06/20/23 iurrogate: Analysenes ND 0.0250 1 06/19/23 06/20/23 Sonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Mg/kg Analyse: W Batch: 23250/6 Basch: I////////////////////////////////////	PO Box 247	Project Numb	er: 0105	8-0007	1		Reported: 6/23/2023 9:19:07AM		
Reporting ResultReporting DilutionPreparedAnalyzedNotesVolatile Organics by EPA 8021Bmg/kgmg/kgAnalyst: IVBatch: 2325016BenzeneND0.0250106/19/2306/20/23SchulzeneND0.0250106/19/2306/20/23FolueneND0.0250106/19/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND0.0250106/19/2306/20/2306/20/23ND20.0106/19/2306/20/2306/20/23ND20.0106/19/2306/20/2306/20/23ND20.0106/19/2306/20/2306/20/23ND20.0106/19/2306/20/2306/20/23ND20.0106/19/2306/20/2306/20/23ND20.0<			S4 - 2'						
Analyte Result Limit Dilution Prepared Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg mg/kg $Analyst$: F Batch: 2325016 Benzene ND 0.0250 1 $0619/23$ 062023 Sithylbenzene ND 0.0250 1 $0619/23$ 062023 Sock Sylene ND 0.0250 1 $0619/23$ 062023 Sylene ND 0.0250 1 $0619/23$ 062023 Sock Sylene			E306145-14						
Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: IY Batch: 2325016 Benzene ND 0.0250 1 06/9/23 06/20/23 Sthylbenzene ND 0.0250 1 06/19/23 06/20/23 Foluene ND 0.0250 1 06/19/23 06/20/23			Reporting						
ND 0.0250 1 06/09/23 06/20/23 Barzene ND 0.0250 1 06/09/23 06/20/23 Shylbenzene ND 0.0250 1 06/09/23 06/20/23 Foluene ND 0.0250 1 06/09/23 06/20/23 S-Xylene ND 0.0250 1 06/09/23 06/20/23 Symmetry ND 0.0250 1 06/09/23 06/20/23 Symmetry ND 0.0250 1 06/19/23 06/20/23 Symmetry ND 0.0250 1 06/19/23 06/20/23 Symmetry ND 0.0250 1 06/19/23 06/20/23 Symmetry 93.7 % 70-130 06/19/23 06/20/23 Symmetry 93.7 % 70-130 06/19/23 06/20/23 Symmetry 1 06/19/23 06/20/23 06/20/23 Symmetry 88.9 % 70-130 06/19/23 06/20/23 Symmetry 88.9	Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
ND 0.0250 1 06/0/23 06/20/23 Sithylbenzene ND 0.0250 1 06/0/23 06/20/23 Foluene ND 0.0250 1 06/0/23 06/20/23 Synthes ND 0.0250 1 06/0/23 06/20/23 Synthylenes ND 0.0250 1 06/0/23 06/20/23 Statistic ABromochlorobenzene-PID 93.7 % 70-130 06/19/23 06/20/23 Statistic 4-Bromochlorobenzene-PID 93.7 % 70-130 06/19/23 06/20/23 Statistic A-Bromochlorobenzene-PID 93.7 % 70-130 06/19/23 06/20/23 Statistic A-Bromochlorobenzene-FID 88.9 % 70-130 06/20/23 06/20/23 Statistic A-Bromochlorobenzene-FID ND	Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016		
Indication ND 0.0250 1 06/19/23 06/20/23 Introgate: 4-Bromochlorobenzene-PID 93.7 % 70-130 06/19/23 06/20/23 Introgate: 1-Chloro-4-filuorobenzene-FID 88.9 % 70-130 06/19/23 06/20/23 Introgate: 1-Chloro-4-filuorobenzene-FID 88.9 % 70-130 06/19/23 06/20/23 Nonhalogenated Organics (Clo-C28) ND 25.0 1 06/20/23 06/22/23 Objesel Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 <td>Benzene</td> <td>ND</td> <td>0.0250</td> <td>1</td> <td>06/19/23</td> <td>06/20/23</td> <td></td>	Benzene	ND	0.0250	1	06/19/23	06/20/23			
ND 0.0250 1 06/02/3 06/20/23 p.m-Xylene ND 0.0250 1 06/0/23 06/20/23 fotal Xylenes ND 20.0 1 06/0/23 06/20/23 for hondalogenated Organics (C6-C10) ND 20.0 1 06/0/23 06/20/23 Gasoline Range Organics (C6-C10) ND 20.0 1 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: KM Batch: 2325024 Diesel Range Organics (C10-C28) ND 25.0 1 06/20/23 06/22/23 Dil Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23	Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23			
ND 0.0500 1 06/19/23 06/20/23 Opm-Xylene ND 0.0500 1 06/19/23 06/20/23 Fotal Xylenes ND 0.0250 1 06/19/23 06/20/23 Surrogate: 4-Bromochlorobenzene-PID 93.7 % 70-130 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2325016 Gasoline Range Organics (C6-C10) ND 20.0 1 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: IY Batch: 2325024 Nonhalogenated Organics (C10-C28) ND 25.0 1 06/20/23 06/20/23 Diesel Range Organics (C28-C36) ND 25.0 1 06/20/23 06/22/23 Dia Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 Dia Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 Dia Range Organics (C28-C36) ND 50.200 06/20/23 06/22/23 Dia Range Organics (NDMD 76.3 % 50-200	Toluene	ND	0.0250	1	06/19/23	06/20/23			
ND 0.0050 1 06/19/23 06/20/23 Fordal Xylenes 93.7 % 70-130 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: Y Batch: 2325016 Gasoline Range Organics (C6-C10) ND 20.0 1 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: Y Batch: 2325016 Southalogenated Organics (C10-C28) ND 25.0 1 06/20/23 06/20/23 Diesel Range Organics (C28-C36) ND 25.0 1 06/20/23 06/22/23 Dia Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 Dia Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 Dia Range Organics (C28-C36) ND 50.200 06/20/23 06/22/23 Dia Range Organics (C28-C36) ND 50.200 06/20/23 06/22/23 Dia Range Organics (C28-C36) mg/kg mg/kg Analyst: H Batch: 2325027 Anions by EPA 300.0/9056A mg/kg <t< td=""><td>o-Xylene</td><td>ND</td><td>0.0250</td><td>1</td><td>06/19/23</td><td>06/20/23</td><td></td></t<>	o-Xylene	ND	0.0250	1	06/19/23	06/20/23			
Non-	p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23			
Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2325016 Gasoline Range Organics (C6-C10) ND 20.0 1 06/19/23 06/20/23 Garrogate: 1-Chloro-4-fluorobenzene-FID 88.9 % 70-130 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: KM Batch: 2325024 Diesel Range Organics (C10-C28) ND 25.0 1 06/20/23 06/22/23 Dil Range Organics (C28-C36) ND 25.0 1 06/20/23 06/22/23 Garrogate: n-Nonane 76.3 % 50-200 06/20/23 06/22/23 Anions by EPA 300.0/9056A mg/kg mg/kg mg/kg Analyst: BA Batch: 2325027	Total Xylenes	ND	0.0250	1	06/19/23	06/20/23			
Gasoline Range Organics (C6-Cl0) ND 20.0 1 06/19/23 06/20/23 burrogate: 1-Chloro-4-fluorobenzene-FID 88.9 % 70-130 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: KM Batch: 2325024 Diesel Range Organics (C10-C28) ND 25.0 1 06/20/23 06/22/23 Dil Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 burrogate: n-Nonane 76.3 % 50-200 06/20/23 06/22/23 Anions by EPA 300.0/9056A mg/kg mg/kg mg/kg Analyst: BA Batch: 2325027	Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/19/23	06/20/23			
Nonshine Range Organics (co cho) No Doe Doe Surrogate: 1-Chloro-4-fluorobenzene-FID 88.9 % 70-130 06/19/23 06/20/23 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: KM Batch: 2325024 Diesel Range Organics (C10-C28) ND 25.0 1 06/20/23 06/22/23 Dil Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 Surrogate: n-Nonane 76.3 % 50-200 06/20/23 06/22/23 Anions by EPA 300.0/9056A mg/kg mg/kg mg/kg Analyst: BA Batch: 2325027	Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016		
Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: KM Batch: 2325024 Diesel Range Organics (C10-C28) ND 25.0 1 06/20/23 06/22/23 Dil Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 Durogate: n-Nonane 76.3 % 50-200 06/20/23 06/22/23 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: Batch: 2325027	Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23			
Diesel Range Organics (Clo-C28) ND 25.0 1 06/20/23 06/22/23 Dil Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 Diurrogate: n-Nonane 76.3 % 50-200 06/20/23 06/22/23 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2325027	Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	06/19/23	06/20/23			
Dil Range Organics (C28-C36) ND 50.0 1 06/20/23 06/22/23 <i>burrogate: n-Nonane</i> 76.3 % 50-200 06/20/23 06/22/23 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2325027	Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2325024		
ND 50.0 1 06/20/23 06/22/23 <i>iurrogate: n-Nonane</i> 76.3 % 50-200 06/20/23 06/22/23 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2325027	Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23			
Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2325027	Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23			
	Surrogate: n-Nonane		76.3 %	50-200	06/20/23	06/22/23			
ND 20.0 1 06/20/23 06/20/23	Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325027			
	Chloride	ND	20.0	1	06/20/23	06/20/23			

	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	on Draw Unit 167 8-0007 1 Bynum	,		Reported: 6/23/2023 9:19:07AM
		S4 - 3'				
		E306145-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		82.0 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2325027
Chloride	35.6	20.0	1	06/20/23	06/20/23	

	Sa	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	er: 0105	on Draw Unit 167 8-0007 1 Bynum	1		Reported: 6/23/2023 9:19:07AM
		S4 - 4'				
		E306145-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	66.1	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		81.9 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2325027
Chloride	490	20.0	1	06/20/23	06/21/23	

	Sa	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0105	on Draw Unit 167 8-0007 1 Bynum			Reported: 6/23/2023 9:19:07AM
		SW1				
		E306145-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	it: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Foluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	it: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Analyst: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		92.5 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	kg Analyst: BA			Batch: 2325027
Chloride	111	20.0	1	06/20/23	06/21/23	



	De	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0105	on Draw Unit 167 8-0007 1 Bynum			Reported: 6/23/2023 9:19:07AM
		SW2				
		E306145-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		86.9 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ng/kg Analyst: BA			Batch: 2325027
Chloride	130	20.0	1	06/20/23	06/21/23	



	Da	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 0105	on Draw Unit 167 8-0007 1 Bynum			Reported: 6/23/2023 9:19:07AM
		SW3				
		E306145-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: KM		Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		87.6 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ng/kg Analyst: BA			Batch: 2325027
Chloride	131	20.0	1	06/20/23	06/21/23	



	Da	imple Da	แล			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 16		Reported:	
PO Box 247 Plains TX, 79355-0247	Project Numbe Project Manage		8-0007 1 Bynum		6/23/2023 9:19:07AM	
	T Toject Wanag	ci. 101	Dynam			0/23/2023 9.19.07111
		SW4				
		E306145-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2325024
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		85.6 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: BA			Batch: 2325027
Chloride	178	20.0	1	06/20/23	06/21/23	

	Sa	ample Da	ata			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 167			
PO Box 247	Project Numbe	er: 0105	8-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Ton	n Bynum			6/23/2023 9:19:07AM
		BG1				
		E306145-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2325010
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	0.0557	0.0500	1	06/19/23	06/20/23	
Total Xylenes	0.0557	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	it: IY		Batch: 2325010
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2325022
Diesel Range Organics (Cl0-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		83.9 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: BA			Batch: 2325025
Chloride	163	20.0	1	06/20/23	06/20/23	

OC Summary Data

		QC DI		ary Data	a a				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw U 01058-0007	nit 167				Reported:
Plains TX, 79355-0247		Project Manager:	-	Tom Bynum					6/23/2023 9:19:07AM
		Volatile O	rganics	by EPA 802	1B				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 (2325010-BLK1)							Prepared: 0	6/19/23	Analyzed: 06/20/23
enzene	ND	0.0250							
thylbenzene	ND	0.0250							
oluene	ND	0.0250							
-Xylene	ND	0.0250							
m-Xylene	ND	0.0500							
otal Xylenes	ND	0.0250							
urrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			
LCS (2325010-BS1)							Prepared: 0	6/19/23	Analyzed: 06/20/23
enzene	4.55	0.0250	5.00		91.1	70-130			
thylbenzene	4.63	0.0250	5.00		92.7	70-130			
oluene	4.82	0.0250	5.00		96.5	70-130			
Xylene	4.87	0.0250	5.00		97.5	70-130			
,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
otal Xylenes	14.4	0.0250	15.0		96.3	70-130			
urrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			
Aatrix Spike (2325010-MS1)				Source:	E306144-2	22	Prepared: 0	6/19/23	Analyzed: 06/20/23
enzene	4.61	0.0250	5.00	ND	92.2	54-133			
thylbenzene	4.72	0.0250	5.00	ND	94.3	61-133			
oluene	4.90	0.0250	5.00	ND	98.1	61-130			
-Xylene	4.97	0.0250	5.00	ND	99.3	63-131			
,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131			
otal Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
urrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			
Aatrix Spike Dup (2325010-MSD1)				Source:	E306144-2	22	Prepared: 0	6/19/23	Analyzed: 06/20/23
enzene	4.63	0.0250	5.00	ND	92.7	54-133	0.465	20	
thylbenzene	4.72	0.0250	5.00	ND	94.4	61-133	0.0647	20	
oluene	4.91	0.0250	5.00	ND	98.3	61-130	0.185	20	
-Xylene	4.98	0.0250	5.00	ND	99.6	63-131	0.321	20	
,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131	0.0776	20	
otal Xylenes	14.7	0.0250	15.0	ND	98.1	63-131	0.160	20	
urrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			





QC Summary Data

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		otton Draw U 058-0007	nit 167				Reported:
Plains TX, 79355-0247		Project Manager:	То	om Bynum					6/23/2023 9:19:07AM
		Volatile O	rganics b	oy EPA 802	1B				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 (2325016-BLK1)							Prepared: 0	6/19/23 A	nalyzed: 06/20/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			
LCS (2325016-BS1)							Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.58	0.0250	5.00		91.6	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.1	70-130			
Toluene	4.84	0.0250	5.00		96.8	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
o,m-Xylene	9.66	0.0500	10.0		96.6	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			
Matrix Spike (2325016-MS1)				Source:	E306145-07	7	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.59	0.0250	5.00	ND	91.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	95.9	61-133			
Toluene	4.88	0.0250	5.00	ND	97.6	61-130			
o-Xylene	4.94	0.0250	5.00	ND	98.8	63-131			
o,m-Xylene	9.75	0.0500	10.0	ND	97.5	63-131			
Fotal Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			
Matrix Spike Dup (2325016-MSD1)				Source:	E306145-07	7	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.58	0.0250	5.00	ND	91.6	54-133	0.266	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.7	61-133	0.230	20	
Toluene	4.85	0.0250	5.00	ND	97.1	61-130	0.550	20	
o-Xylene	4.91	0.0250	5.00	ND	98.2	63-131	0.639	20	
o,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131	0.319	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131	0.427	20	
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.8	70-130			



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 om Bynum	nit 167				Reported: 6/23/2023 9:19:07AM
	No	nhalogenated O	rganics	by EPA 801	5D - GR	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	g.ng		iiig/ng		70	/0	70	/0	Tioles
Blank (2325010-BLK1)							Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			
LCS (2325010-BS2)							Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.3	70-130			
Matrix Spike (2325010-MS2)				Source:	E306144-2	22	Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	46.8	20.0	50.0	ND	93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			
Matrix Spike Dup (2325010-MSD2)				Source:	E306144-2	22	Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	47.0	20.0	50.0	ND	94.1	70-130	0.500	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			



QC Summary Data

		QUD	******	n y Dau	L				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw Ur 058-0007 om Bynum	nit 167				Reported: 6/23/2023 9:19:07AM
	No	nhalogenated O	rganics	by EPA 801	5D - GR	RO			Analyst: IY
Analyte	Resuli mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
					70	70	70	70	Notes
Blank (2325016-BLK1)							Prepared: 0	6/19/23	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			
LCS (2325016-BS2)							Prepared: 0	6/19/23	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			
Matrix Spike (2325016-MS2)				Source:	E306145-(07	Prepared: 0	6/19/23	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	45.0	20.0	50.0	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			
Matrix Spike Dup (2325016-MSD2)				Source:	E306145-0	07	Prepared: 0	6/19/23	Analyzed: 06/20/23
Gasoline Range Organics (C6-Cl0)	44.4	20.0	50.0	ND	88.7	70-130	1.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

		QC DI		al y Data	l				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Cotton Draw Ui 1058-0007 Com Bynum	nit 167				Reported: 6/23/2023 9:19:07AM
	Nonha	alogenated Orga	anics by	EPA 8015D	- DRO/	ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2325022-BLK1)							Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (Cl0-C28)	ND	25.0					-		
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			
LCS (2325022-BS1)							Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (Cl0-C28)	243	25.0	250		97.1	38-132			
Surrogate: n-Nonane	42.4		50.0		84.8	50-200			
Matrix Spike (2325022-MS1)				Source:	E306121-	04	Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (Cl0-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	32.1		50.0		64.3	50-200			
Matrix Spike Dup (2325022-MSD1)				Source:	E306121-	04	Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (Cl0-C28)	249	25.0	250	ND	99.5	38-132	1.51	20	
Surrogate: n-Nonane	38.9		50.0		77.7	50-200			



QC Summary Data

		QC DI		ii y Data	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw U 058-0007 om Bynum	nit 167				Reported: 6/23/2023 9:19:07AM
	Nonha	alogenated Orga	anics by I	EPA 8015D	- DRO/	ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2325024-BLK1)							Prepared: 0	5/20/23 A	Analyzed: 06/21/23
Diesel Range Organics (Cl0-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.9		50.0		91.9	50-200			
LCS (2325024-BS1)							Prepared: 0	5/20/23 A	Analyzed: 06/21/23
Diesel Range Organics (Cl0-C28)	242	25.0	250		96.7	38-132			
Surrogate: n-Nonane	37.9		50.0		75.9	50-200			
Matrix Spike (2325024-MS1)				Source:	E306145-	10	Prepared: 0	5/20/23 A	Analyzed: 06/21/23
Diesel Range Organics (Cl0-C28)	239	25.0	250	ND	95.6	38-132			
Surrogate: n-Nonane	32.7		50.0		65.4	50-200			
Matrix Spike Dup (2325024-MSD1)				Source:	E306145-	10	Prepared: 0	5/20/23 A	Analyzed: 06/21/23
Diesel Range Organics (Cl0-C28)	240	25.0	250	ND	96.1	38-132	0.509	20	
Surrogate: n-Nonane	32.1		50.0		64.2	50-200			



QC Summary Data

		Reported:
		6/23/2023 9:19:07AM
		Analyst: BA
	DDD	
RPD	RPD Limit	
%	%	Notes
Prepared: ()6/20/23	Analyzed: 06/20/23
Prepared: (06/20/23	Analyzed: 06/20/23
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Prepared: (06/20/23	Analyzed: 06/21/23
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QC Summary Data

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Pima Environmental Services-Carlsbad		Project Name:		Cotton Draw U	nit 167				Reported:
PO Box 247		Project Number:		01058-0007					•
Plains TX, 79355-0247		Project Manager:		Tom Bynum					6/23/2023 9:19:07AM
		Anions	by EPA	A 300.0/9056A	1				Analyst: BA
Analyte			0.1	C		P		DDD	
	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2325027-BLK1)							Prepared: 0	6/20/23 A	nalyzed: 06/20/23
Chloride	ND	20.0							
LCS (2325027-BS1)							Prepared: 0	6/20/23 A	nalyzed: 06/20/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2325027-MS1)				Source:	E306145-0)1	Prepared: 0	6/20/23 A	nalyzed: 06/20/23
Chloride	615	40.0	250	345	108	80-120			
Matrix Spike Dup (2325027-MSD1)				Source:	E306145-0)1	Prepared: 0	6/20/23 A	nalyzed: 06/20/23
Chloride	614	40.0	250	345	108	80-120	0.127	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 167	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/23/23 09:19

ND Analyte NOT DETECTED at or above the reporting li	mit
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NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

Project Information	Chai	n of Custody	,							Page _J_	of <u>3</u> -
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Address: 5614 N. Lovington HYa. Ciesstate, zig t:labbs tl!M 8800	Cito, State, ZiQ Phone:				Analys	is and Method			بر ¢jri:,••		RCRA
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Project Information		Chain of Custody					Pag	ge <u>C</u> of-2
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Address: 5614 N. Lovington Hlt!'.Y- <u>Cin'. State Ziri</u> 1:112bbs t!IM fH32 @ Phone: 580-748-1613	Cil:II. State. ZiQ Phone: Email:			Analysis and Method	Ł		^{b;;} ';}t:-∙ St	RCRA
Email: tom@pimaoil.com Re12ort due bll::	Pima Project# ZO;-	'Z;	∷ii ^Q <u>a:</u> ∳",'. ∳	\$ 8.,	¢ u	•	NMICO UT	I AZ. TXI
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		70						
Additional Instructions:	i#	z1{4a '-161						
I, (field sampler), attest to the validity and authenticity of this sample. date or time of collection Is considered fraud and may beground	. I am aware that tampering with or intentionally m	()	١,	Samples requiring thermal p packed In ia, at an avg ten				e sampled or receiv
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ample Matrix: S• Soil, Sd• Solid, Sg• Sludg lote: Samples are discarded 30 days a	ie, A • Aqueous, O - Other	arrangements are made. Hazardous s	<u>Containe</u> amples will be	Type:g	- glass, p d to client c	or dspos	ed of a	t the c				r the analysis of the	apove
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Email: tom@@imaoil.com Recort due bv:	^{1:,} Pima Project# ZO ∳-"2	°, °∞ i i °, ° 8 51 1 ∵z ^{:i!}	NMI CO UT I AZ. TXI
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Additional Instructions:

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

Samples requiring theimal preservation must be recm.ed on Ice the day!hey are sampled or received packed In Ice at an avg temp above O but less than 6°CON subsequent day.

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Page 40 of 39

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Note: Samples are d	scarded 30 day	/s after res	sults are repo	orted unless oth	er arrangements	are made. Hazardous he liability of the labora	Containe samples will	Type e retu	rned t	o client o int paid f	or dis for or	posed on the re	of at the cl port.	ientex	pense	. The	report f		vsis of the above
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Instructions: Please take note of any NO checkmarks.

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad	Date Received:	06/19/23 08:00			Work Order ID:	E306145
Phone:	(575) 631-6977	Date Logged In:	06/19/23 09:01			Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/23/23 17:00) (4 day TAT)			
Chain o	f Custody (COC)						
	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	ourier		
4. Was t	he COC complete, i.e., signatures, dates/times, rec	uested analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducte i.e, 15 minute hold time, are not included in this dis		Yes			Comment	s/Resolution
Sample	Turn Around Time (TAT)						
	e COC indicate standard TAT, or Expedited TAT?	,	Yes	Г			
Sample	Cooler				White out	present on Co	OC when received
7. Was a	a sample cooler received?		Yes		from clien	-	
8. If yes	, was cooler received in good condition?		Yes		from ener		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
II. If ye	s, were custody/security seals intact?		NA				
12. Was	the sample received on ice? If yes, the recorded temp is Note: Thermal preservation is not required, if samples minutes of sampling		Yes				
13. Ifno	visible ice, record the temperature. Actual same	ple temperature: 4°	<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 contained		Yes				
19. Is the	appropriate volume/weight or number of sample con	tainers collected?	Yes				
Field La							
	e field sample labels filled out with the minimum i	nformation:			V		
	Sample ID? Date/Time Collected?			l	Ye		
	Collectors name?			c 1:	Ŷ	es No	
Sample	Preservation			re of client ing changes to	the N	o NA	
	s the COC or field labels indicate the samples were	e preserved?	COC or	sample	N	0	
	sample(s) correctly preserved?		disposit	ion.			
24. Is lat	b filteration required and/or requested for dissolve	d metals?			Ν	o NA	
	ase Sample Matrix				1,		
	s the sample have more than one phase, i.e., multip				Ν	0	
26. Does	s, does the COC specify which phase(s) is to be an	nalyzed?			N.		Lab: na
	tract Laboratory				11.	Subcontract	/ m
27. If ye							
27. If ye Subcont	samples required to get sent to a subcontract laboration	atory?					
27. If ye <u>Subcont</u> 28. Are s		-					



Date

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 167H

Work Order: E307147

Job Number: 01058-0007

Received: 7/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/28/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification Tl04704557 for data reported. Date Reported: 7/28/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 167H Workorder: E307147 Date Received: 7/27/2023 7:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/27/2023 7:10:00AM, under the Project Name: Cotton Draw Unit 167H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 167H 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,

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Sample Summary

		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 Tom Bynum	167H	Reported: 07/28/23 13:19
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSI Bottoms	E307147-01A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS2 Bottoms	E307147-02A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS3 Bottoms	E307l47-03A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS4 Bottoms	E307147-04A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS5 Bottoms	E307147-05A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSWI	E307147-06A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSW2	E307147-07A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSW3	E307147-08A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSW4	E307l47-09A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.



	Du	mpic De	aua			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number Project Manage	r: 0105	on Draw Unit 167 8-0007 1 Bynum	Н		Reported: 7/28/2023 1:19:18PM
	C	S1 Bottoms				
	I	E307147-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	it: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Foluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	it: IY		Batch: 2330066
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8	83.8 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2330067
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane	9	90.8 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	58	imple Da	llä			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manage	er: 0105	on Draw Unit 8-0007 1 Bynum	167H		Reported: 7/28/2023 1:19:18PM
	С	S2 Bottoms				
]	E307147-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2330066
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.4 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2330067
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		96.6 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	De	ample Da	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name:Cotton Draw Unit 167HProject Number:01058-0007Project Manager:Tom Bynum			Η		Reported: 7/28/2023 1:19:18PM
	0	CS3 Bottoms				
		E307147-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Foluene	ND	0.0250	1	07/27/23	07/27/23	
o-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2330066
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.8 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2330067
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		97.9 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	D	ample Da	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	er: 0105	Reported: 7/28/2023 1:19:18PM			
	(CS4 Bottoms				
		E307147-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
o-Xylene	ND	0.0250	1	07/27/23	07/27/23	
p,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KM			Batch: 2330067
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		96.3 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	56	ample Da	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name:Cotton Draw Unit 167HProject Number:01058-0007Project Manager:Tom Bynum					Reported: 7/28/2023 1:19:18PM
	C	CS5 Bottoms				
		E307147-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Foluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2330066
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2330067
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		98.8 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	S	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	oer: 0105	on Draw Uni 8-0007 1 Bynum	Reported: 7/28/2023 1:19:18PM		
		CSW1				
		E307147-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	Analyst: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
o-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2330066
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2330067
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		98.8 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	

	Sa	ample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	Reported: 7/28/2023 1:19:18PM				
		CSW2				
		E307147-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal		Batch: 2330066	
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
o-Xylene	ND	0.0250	1	07/27/23	07/27/23	
p,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2330066	
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2330067
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		100 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	g Analyst: BA		Batch: 2330071	
Chloride	ND	20.0	1	07/27/23	07/27/23	



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Sample Data								
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	er: 0105	on Draw Uni 8-0007 1 Bynum	Reported: 7/28/2023 1:19:18PM				
		CSW3						
		E307147-08						
		Reporting						
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2330066		
Benzene	ND	0.0250	1	07/27/23	07/27/23			
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23			
foluene	ND	0.0250	1	07/27/23	07/27/23			
o-Xylene	ND	0.0250	1	07/27/23	07/27/23			
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23			
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23			
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	07/27/23	07/27/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2330066		
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23			
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	07/27/23	07/27/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: KM		Batch: 2330067		
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23			
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23			
Surrogate: n-Nonane		98.8 %	50-200	07/27/23	07/27/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: BA		Batch: 2330071		
Chloride	ND	20.0	1	07/27/23	07/27/23			

	S	ample Da	ata					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	er: 0105						
		CSW4						
		E307147-09						
		Reporting						
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	kg Analyst: RKS			Batch: 2330066		
Benzene	ND	0.0250	1	07/27/23	07/27/23			
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23			
Toluene	ND	0.0250	1	07/27/23	07/27/23			
o-Xylene	ND	0.0250	1	07/27/23	07/27/23			
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23			
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23			
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	07/27/23	07/27/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: RKS		Batch: 2330066		
Gasoline Range Organics (C6-Cl0)	ND	20.0	1	07/27/23	07/27/23			
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	07/27/23	07/27/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2330067		
Diesel Range Organics (Cl0-C28)	ND	25.0	1	07/27/23	07/27/23			
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23			
Surrogate: n-Nonane		99.9 %	50-200	07/27/23	07/27/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2330071		
Chloride	ND	20.0	1	07/27/23	07/27/23			

QC Summary Data

		X U D		uu	-				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		otton Draw U 058-0007	nit 167H				Reported:
Plains TX, 79355-0247		Project Manager:		om Bynum					7/28/2023 1:19:18PM
				-	1D				Analyst: IY
		Volatile O	rganics b	OY EPA 802	ТВ				
Analyte						_			
	Decult	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result				Rec	Linits	KI D	Linin	N7 .
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2330066-BLK1)							Prepared: 0	7/27/23 Aı	nalyzed: 07/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
foluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			
LCS (2330066-BS1)						Prepared: 0	7/27/23 Ai	nalyzed: 07/27/23	
Benzene	4.72	0.0250	5.00		94.4	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
o,m-Xylene	9.60	0.0500	10.0		96.0	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			
Matrix Spike (2330066-MS1)				Source:	E307147-0	2	Prepared: 0	7/27/23 Ai	nalyzed: 07/27/23
Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
p-Xylene	5.05	0.0250	5.00	ND	101	63-131			
o,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			
Matrix Spike Dup (2330066-MSD1)				Source:	E307147-0	2	Prepared: 0	7/27/23 Ai	nalyzed: 07/27/23
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	1.06	20	
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133	0.852	20	
foluene	4.99	0.0250	5.00	ND	99.8	61-130	0.943	20	
	5.01	0.0250	5.00	ND	100	63-131	0.723	20	
p-Xylene									
>-Xylene p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	0.869	20 20	



QC Summary Data

		QC DI		ii y Dau	4				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw Ur 058-0007 om Bynum	nit 167H				Reported: 7/28/2023 1:19:18PM
	No	nhalogenated O	rganics l	by EPA 801	5D - GF	RO			Analyst: IY
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 (2330066-BLK1)							Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-Cl0)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.67		8.00		83.4	70-130			
LCS (2330066-BS2)							Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-Cl0)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			
Matrix Spike (2330066-MS2)				Source:	E307147-	02	Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-Cl0)	44.7	20.0	50.0	ND	89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.75		8.00		84.3	70-130			
Matrix Spike Dup (2330066-MSD2)				Source:	E307147-	02	Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-Cl0)	44.8	20.0	50.0	ND	89.5	70-130	0.177	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.70		8.00		83.7	70-130			



QC Summary Data

Result mg/kg Limit mg/kg Limit mg/kg Limit mg/kg Rec mg/kg Limit mg/kg Rec mg/kg Limit mg/kg RPD Limit Blank (2330067-BLK1) Prepared: 07/27/23 Analyzed: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (C10-C28) ND 25.0 90.0 50-200 Surrogate: n-Nonane 50.2 50.0 100 50-200 LCS (2330067-BS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (C10-C28) 249 25.0 250 99.5 38-132 Surrogate: n-Nonane 49.8 50.0 99.6 50-200 V V Matrix Spike (2330067-MS1) Example 50.0 99.6 50-200 V V Nalyzed: 07/27/23 Diesel Range Organics (C10-C28) 258 25.0 250 99.6 50-200 V V V V Nalyzed: 07/27/23 Nalyzed: 07/27/23 Diesel Range Organics (C10-C28) 258 25.0 250 ND 103 38-132 V V V			VC BI		ii y Data	l				
Analyte Result mg/kg Spike Limit mg/kg Spike Level mg/kg Source Result mg/kg Rec kesult mg/kg Rec kmints RPD kimit RPD RPD Limit kimit Blank (230067-BLK1) Prepared: 07/27/23 Analyzed: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) ND 25.0 50.0 100 50-20 LCS (230067-BS1) Prepared: 07/27/23 Analyzed: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 249 25.0 250 99.5 38-132 Surrogate: n-Nonane 49.8 50.0 99.5 38-132 V Matrix Spike (2330067-MS1) Essent Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 257 25.0 250	PO Box 247		Project Number:	0]	1058-0007	nit 167H				-
Analyte Limit Result Livel Imit mg/kg Result mg/kg Livel Fevel mg/kg Result mg/kg Result mg		Nonh	alogenated Orga	nics by	EPA 8015D	- DRO/	ORO			Analyst: KM
ND 25.0 0il Range Organics (Cl0-C28) ND 50.0 Surrogate: n-Nonane 50.2 50.0 100 50-200 LCS (2330067-BS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 249 25.0 250 99.5 38-132 Surrogate: n-Nonane 49.8 50.0 99.6 50-200 Matrix Spike (2330067-MS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 258 25.0 250 99.6 50-200 Matrix Spike (2330067-MS1) Prepared: 07/27/23 Analyzed: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Matrix Spike Dup (2330067-MSD1) Esource: Eso7147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 0.317 20	Analyte		Limit	Level	Result		Limits		Limit	Notes
ND Survey of the period (C28-C36) ND Sole Survey of the n-Nonane 50.2 50.0 100 50-200 LCS (2330067-BS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (C10-C28) 249 25.0 250 99.5 38-132 Surrogate: n-Nonane 49.8 50.0 99.6 50-200 Matrix Spike (2330067-MS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (C10-C28) 258 25.0 250 ND 103 38-132 Diesel Range Organics (C10-C28) 258 25.0 250 ND 103 38-132 Matrix Spike Dup (2330067-MSD1) Fource: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (C10-C28) 257 25.0 250 ND 103 38-132 O.317 20	Blank (2330067-BLK1)							Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Surrogate: n-Nonane 50.2 50.0 100 50-200 LCS (2330067-BS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 249 25.0 250 99.5 38-132 Matrix Spike (2330067-MS1) Forgared: 07/27/23 Analyzed: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Matrix Spike (2330067-MS1) Forgared: 07/27/23 Analyzed: 07/27/23 Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 O.317 20	Diesel Range Organics (Cl0-C28)	ND	25.0							
LCS (2330067-BS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 249 25.0 250 99.5 38-132 Surrogate: n-Nonane 49.8 50.0 99.6 50-200 Matrix Spike (2330067-MS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Surrogate: n-Nonane 49.0 50.0 97.9 50-200 V V Matrix Spike Dup (2330067-MSD1) Essort Surrogate: n-Nonane Prepared: 07/27/23 Analyzed: 07/27/23 Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 V V Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 0.317 20	Oil Range Organics (C28-C36)	ND	50.0							
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Surrogate: n-Nonane 49.8 50.0 99.6 50-200 Matrix Spike (2330067-MS1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 V Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 0.317 20	LCS (2330067-BS1)							Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Matrix Spike (2330067-MS1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Surrogate: n-Nonane 49.0 50.0 97.9 50-200 Matrix Spike Dup (2330067-MSD1) Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 0.317 20	Diesel Range Organics (Cl0-C28)	249	25.0	250		99.5	38-132			
Diesel Range Organics (Cl0-C28) 258 25.0 250 ND 103 38-132 Surrogate: n-Nonane 49.0 50.0 97.9 50-200 Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 0.317 20	Surrogate: n-Nonane	49.8		50.0		99.6	50-200			
Surrogate: n-Nonane 49.0 50.0 97.9 50-200 Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Disel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 0.317 20	Matrix Spike (2330067-MS1)				Source:	E307147-0	01	Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Matrix Spike Dup (2330067-MSD1) Source: E307147-01 Prepared: 07/27/23 Analyzed: 07/27/23 Diesel Range Organics (CI0-C28) 257 25.0 250 ND 103 38-132 0.317 20	Diesel Range Organics (Cl0-C28)	258	25.0	250	ND	103	38-132			
Diesel Range Organics (Cl0-C28) 257 25.0 250 ND 103 38-132 0.317 20	Surrogate: n-Nonane	49.0		50.0		97.9	50-200			
	Matrix Spike Dup (2330067-MSD1)				Source:	E307147-0	01	Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Surrogate: n-Nonane 49.6 50.0 99.2 50-200	Diesel Range Organics (Cl0-C28)	257	25.0	250	ND	103	38-132	0.317	20	
	Surrogate: n-Nonane	49.6		50.0		99.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:	(Cotton Draw U	nit 167H				Reported:
PO Box 247		Project Number:	0	01058-0007					
Plains TX, 79355-0247		Project Manager:]	Fom Bynum					7/28/2023 1:19:18PM
		Anions	by EPA	300.0/9056	4				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 (2330071-BLK1)							Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	ND	20.0							
LCS (2330071-BS1)							Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2330071-MS1)				Source:	E307147-0	1	Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2330071-MSD1)				Source:	E307147-0	1	Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	260	20.0	250	ND	104	80-120	0.322	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 167H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/28/23 13:19

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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Project Information

Chain of Custody

Page_/_ of_/_

	Lab Use Only		TA		EPA Pro,ram
Client: a Exircines ???=t; Attention KVIII	Lab WO# Job Number E307147 DICESCOT	1D 2D	3D	Standard	CWA [SOWA
Project Manager: Tom Bynium Address: 5614 N. Lovington Hwy,"	Analysis and Method				RCRA
City_State_Zin_Hobbs_NM_88240Phone:			1		~
Phone: 580-7481613 Email: tom@pimaoil.com Pima Project# Z03-Z.	9.			NMI CO	State UTI AZ I TX
Time Date Date Date Date Date Date Date Dat	l <u>i!</u> ♥,	Ŷ		X	
Number					
Time Date Matrix No.of C.,,,utnon Sampled Date Sampled		- Å			Remarks
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Sampled by:	packed in ice at an avg temp				5.
Additional Instructions	of (LS/5) Received on ice:			Y	A MERCENT
Relinquished by: (Signature) Date Received by: (Signature) Date Date Date Date Date Date Date Date	location Samples requiringthermal p	eservation mu	ust be rea	ctlwd on Ice the day	Illey are , mplod or ecelwd
	Time	17		. 13	
Received by: (Signature) Date International b Image: Signature) Date International b Image: Signature) Date Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, Again and r. of the image: Signature) Image: Signature) Image: Signature) Containe Image: Signature) Image: Signature) Image: Signature)			161° 1141	ale new syl	
Sample Matrix: S - Solid, Se -	Type: g - glass, p - poly/plastic, ag - ambe	rglass, v -	VOA		

Sample Matrix: S - Soil, Sd - Sol &d, SC-Sludge, A - Aqueous, 0 • Oth@r &

/.

OJ/t)

Released to the amples is appendix of the client expense. The reported unless other arrangements are made. Hazardous samples will be returned to dient or disposed of at the client expense. The report for the analysis of the above samples is appendix of the client expense. The report for the analysis of the above samples is appendix of the client expense. The report for the analysis of the above samples is appendix of the client expense. The report for the analysis of the above samples is appendix of the client expense. The report for the analysis of the above samples is appendix of the client expense. The report for the analysis of the above samples is appendix of the client expense.



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Instructions: Please take note of any NO checkmarks.

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad	Date Received:	07/27/23 07:10	0	Work Order ID:	E307147
Phone:	(575) 631-6977	Date Logged In:	07/26/23 16:0	3	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	07/27/23 17:0	00 (0 day TAT)		
Chain of	Custody (COC)					
I. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location	match the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, red	quested analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conduct i.e, 15 minute hold time, are not included in this dis		Yes		Comments	s/Resolution
Sample]	Furn Around Time (TAT)	suession.				
-	e COC indicate standard TAT, or Expedited TAT	?	Yes	· · · · · · · · · · · · · · · · · · ·		
Sample						
7. Was a	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
9. Was th	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? If yes, the recorded temp Note: Thermal preservation is not required, if samp minutes of sampling		Yes			
13. Ifno	visible ice, record the temperature. Actual san	ple temperature: 4°	C			
Sample (<u>Container</u>					
	queous VOC samples present?		No			
15. Are V	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 contained		Yes			
	appropriate volume/weight or number of sample cor	tainers collected?	Yes			
Field La						
	field sample labels filled out with the minimum fample ID?	niormation:	Signature	of client authorizing	Yes	
	Date/Time Collected?		changes to	the COC or sample	Yes Yes	
	Collectors name?		dispositior	1.	100 100	
Sample 1	Preservation				No NA	
	the COC or field labels indicate the samples were	e preserved?			No	
	ample(s) correctly preserved?					
24. Is lab	o filteration required and/or requested for dissolve	ed metals?			No NA	
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multip				No	
27. If yes	s, does the COC specify which phase(s) is to be a	nalyzed?				act Lab: NA
Subcont	ract Laboratory				ini Subcollu	
28. Are s	amples required to get sent to a subcontract labor	atory?				

Client Instruction



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Date

envirotech Inc.



Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

5-Confirmation Sample Map

Received by OCD: 5/21/2025 1:03:17 PM, Cotton Draw Unit 167 CTB

31

Malaga

Loving

Devon Energy API: N/A Eddy County, NM Location Map

Legend

20 Miles SE of Malaga, NM

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+ inc. 1 ...

Cotton Draw Unit 167 CTB

Cotton Draw Unit 167 Battery

128

(128)

Google Earth Released to Imaging: 7/9/2025 8:39:45 AM Angeles Z

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Received by OCD: 5/21/2025 1:03:17 PM

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Released to Imaging: 7/9/2025 8:39:45 AM








Appendix A

Water Surveys: OSE USGS Surface Water Map



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

(A CLW###### in the POD suffix indicates the POD has been replaced	(R=POD replaced, O=orpha	,	1												
& no longer serves a water right file.)	C=the fil closed)	-							V 2=NE est to lar	3=SW 4=S gest) (N	E) JAD83 UTM in m	neters)	(In f	eet)	
	,	POD Sub-		Q	Q	Q								W	Vater
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	Х	Y	DistanceDep	thWellDep	thWater Co	lumn
<u>C 02373</u>		CUB	LE		4	1	32	24S	34E	641979	3560916* 🌍	2165	600		
<u>C 03942 POD1</u>		CUB	LE	3	1	2	35	24S	34E	647005	3561246 🌍	3289	420	222	198
<u>C 03943 POD1</u>		CUB	LE	2	4	2	21	24S	34E	644523	3564266 🌍	4282	610	431	179
<u>C 02315</u>		CUB	LE	2	4	2	15	258	34E	646095	3556194 🌍	4386	175	135	40
<u>C 02314</u>		CUB	LE	2	4	2	15	25S	34E	646116	3556179 🌍	4410	175	135	40
<u>C 02401</u>		CUB	LE	2	2	1	01	25S	34E	648534	3559896* 🌍	4584	275	260	15
<u>C 04042 POD1</u>		CUB	LE	2	1	4	36	24S	34E	648539	3561545 🌍	4833			
											Averag	ge Depth to Wate	er:	236 fee	et
												Minimum De	pth:	135 fee	et
												Maximum Dep	oth:	431 fee	et
Record Count: 7															
UTMNAD83 Radius	<u>s Search (in</u>	meters)	<u>:</u>												
Easting (X): 643	951.7		North	ning	(Y)	: :	3560	021.9			Radius: 5000				
*UTM location was derived	from PLSS -	- see Help													
The data is furnished by the N accuracy, completeness, reliab										erstanding th	at the OSE/ISC ma	ke no warranties,	expressed or in	nplied, concern	ning the

8/1/23 10:05 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
obos mater resources	Groundwater 🗸	United States	✓ GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 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 (N99990THER) national aquifer. This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

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



USGS 320952103444401 255.31E.02.214411

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

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

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

Page Contact Information: USGS Water Data Support Team Page Last Modified: 2022-09-23 15:30:27 EDT 0.55 0.48 nadww01



Received by OCD: 5/21/2025 1:03:17 PM Cotton Draw Unit 167 CTB

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Malaga

Loving

Devon Energy API: N/A Eddy County, NM Surface Water Map

Livingston Wheeler

 Legend
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 •
 13.75 Miles

 Cotton Draw Unit 167 CTB

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128

A N

10 mi

Pecos River

128

31)



Cotton Draw Unit 167 Battery-

Google Earth Released to Imaging: 7/9/2025 8:39:45 AM Irrage Landsat / Copernicus

Angeles



Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Eddy Area, New Mexico

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

Map Unit Setting

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

Map Unit Composition

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

Description of Berino

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: R042XC003NM - 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: R042XC003NM - Loamy Sand Hydric soil rating: No

Minor Components

Cacique

Percent of map unit: 4 percent Ecological site: R042XC004NM - Sandy Hydric soil rating: No

Wink

Percent of map unit: 4 percent Ecological site: R042XC003NM - Loamy Sand 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: R042XC003NM - Loamy Sand *Hydric soil rating:* No

Kermit

Percent of map unit: 3 percent Ecological site: R042XC005NM - Deep Sand Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021



Received by OCD: 5/21/2025 1:03:17,PM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

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Releasea to Imaging: 7/9/2025 8:999.45 AM 1,500 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Received by QCD: 5/21/2025 1:03:17 PM

U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Map



This map is for general reference only. The US Fish and Wildlife August 1, 2023 Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should Wetlands Freshwater Emergent Wetland Lake be used in accordance with the layer metadata found on the Wetlands Mapper web site. Estuarine and Marine Deepwater Freshwater Forested/Shrub Wetland Other Estuarine and Marine Wetland **Freshwater Pond** Riverine National Wetlands Inventory (NWI)

Released to Imaging: 7/9/2025 8:39:45 AM

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



Appendix C

C-141 Form 48-Hour Notification District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural **Resources Department**

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

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

Incident ID	NAPP2103458288
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID ₆₁₃₇	
Contact Name Amanda Davis	Contact Telephone 575-748-0176	
Contact email Amanda.Davis@dvn.com	Incident # (assigned by OCD)	
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210		

Location of Release Source

Latitude _32.167493

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Cotton Draw Unit 167 CTB	Site Type Oil
Date Release Discovered 1/21/2021	API# (if applicable)

Uı	nit Letter	Section	Township	Range	County
	Ν	36	24S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name:

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)			
Produced Water	Volume Released (bbls) 11.9 BBLS	Volume Recovered (bbls) 10 BBLS			
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No			
Condensate	Volume Released (bbls)	Volume Recovered (bbls)			
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)			
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)			
Cause of Release The line to the heater treater developed a leak. All fluid stayed on location.					

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🔳 No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Kendra DeHoyos	Title: EHS Associate
Signature: <u>Kendra DeHoyos</u>	Date: 2/3/2021
email: Kendra.DeHoyos@dvn.com	Telephone: 575-748-0167
OCD Only	
Received by: Ramona Marcus	Date:

NAPP2103458288

Spill Volume(Bbls) Calculator			
Inputs in blue, Outputs in red			
Contaminated	Soil measurement		
Area (square feet)	Depth(inches)		
142.401	0.010		
Cubic Feet of Soil Impacted	<u>0.119</u>		
Barrels of Soil Impacted	0.02		
Soil Type	Sand		
Barrels of Oil Assuming 100% Saturation	0.00		
Saturation Fluid pr	esent with shovel/backhoe		
Estimated Barrels of Oil Released	0.00		
Free Stand	ding Fluid Only		
Area (square feet)	Depth(inches)		
<u>142.401</u>	<u>0.010</u>		
Standing fluid	<u>0.021</u>		
Total fluids spilled	0.025		

Contaminated Soil measurement			
Area (square feet)	Depth(inches)		
292.856	0.250		
Cubic Feet of Soil Impacted	6.101		
Barrels of Soil Impacted	1.09		
Soil Type	Clay/Sand		
Barrels of Oil Assuming 100% Saturation	<u>0.16</u>		
Saturation Fluid pr	esent with shovel/backhoe		
Estimated Barrels of Oil Released	0.16		
Free Stand	ling Fluid Only		
Area (square feet)	Depth(inches)		
<u>292.856</u>	0.250		
Standing fluid	<u>1.088</u>		
Total fluids spilled	<u>1.251</u>		

Spills In Line	d Containment
Measurements	Of Standing Fluid
Length(Ft)	60
Width(Ft)	16 🥒
Depth(in.)	0.75
Total Capacity without tank displacements (bbls)	10.69
No. of 500 bbl Tanks	ALL DEFICE A CONTRACT OF
In Standing Fluid	
No. of Other Tanks In	
Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	16
Total Volume of standing fluid accounting for tank displacement.	10.69

Received by OCD: 5/21/2025 1:03:17 PM Form C-141 State of New Mexico

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Oil Conservation Division

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Incident ID	NAPP2103458288
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u><50</u> (ft bgs)
Did this release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🗶 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🔭 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗴 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 📐 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🗴 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗶 No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes д No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes д No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗴 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🕅 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- x Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- \mathbf{x} Field data
- x Data table of soil contaminant concentration data
- x Depth to water determination
- x Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- X Boring or excavation logs
- **x** Photographs including date and GIS information
- x Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141	25 1:03:17 PM State of New Mexico		—		Page 128 of
				Incident ID	NAPP2103458288
Oil Conservation Division	OII Conservation Division			District RP	
				Facility ID	
				Application ID	
public health or the environ failed to adequately investig	required to report and/or file certain release notifi- nent. The acceptance of a C-141 report by the OC ate and remediate contamination that pose a threat f a C-141 report does not relieve the operator of re	CD does not i t to groundw	relieve the o ater, surface	perator of liability sho water, human health	ould their operations have or the environment. In
0	rodall	Title: <u>En</u> Date: <u>8/2/</u> Telephone:	/2023	al Professional	

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Oil Conservation Division

Incident ID	NAPP2103458288
District RP	
Facility ID	
Application ID	

Closure

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

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.
 A scaled site and sampling diagram as described in 19.15.29.11 NMAC
 Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
 Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

k Description of remediation activities

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

Printed Name: Dale Woodall	Title:	Environmental Professional
Signature: Dale Woodall	Date:	8/2/2023
email:dale.woodall@dvn.com	Telephone:	575-748-1838
OCD Only		
Received by:	Da	ate:
Closure approval by the OCD does not relieve the responsible par remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws ar	ce water, hum	an health, or the environment nor does not relieve the responsible
Closure Approved by:		Date:
Printed Name:		Title:



Gio PimaOil <gio@pimaoil.com>

Cotton Draw Unit 167 Battery - 48 Hour Notification

1 message

sebastian@pimaoil.com <sebastian@pimaoil.com> To: ocdonline@state.nm.us Cc: tom@pimaoil.com, Polly@pimaoil.com, Gio PimaOil <gio@pimaoil.com> Fri, Jul 21, 2023 at 2:07 PM

Good afternoon,

Pima Environmental would like to notify you that we will be conducting a confirmation sampling event at the Cotton Draw Unit 167 Battery (NAPP2103458288), on Monday July 24, 2023. Pima personnel will be on location at 6 am. Thank you.

Respectfully,

Sebastian Orozco

Project Manager

5614 N Lovington Hwy,

Hobbs, NM 88240

Sebastian@pimaoil.com

619-721-4813 cell





Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY COTTON DRAW UNIT 167 BATTERY

Site Assessment





Excavation









Post Excavation









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 167

Work Order: E306145

Job Number: 01058-0007

Received: 6/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/23/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 6/23/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 167 Workorder: E306145 Date Received: 6/19/2023 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/19/2023 8:00:00AM, under the Project Name: Cotton Draw Unit 167.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 167 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:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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Received by OCD: 5/21/2025 1:03:17 PM

Sample Summarv

		Sample Summary				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Cotton Draw Unit 167 01058-0007 Tom Bynum		Reported: 06/23/23 09:19	
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
1 - 1'	E306145-01A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
1 - 2'	E306145-02A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
1 - 3'	E306145-03A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
1 - 4'	E306145-04A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
2 - 1'	E306145-05A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
2 - 2'	E306145-06A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
2 - 3'	E306145-07A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
2 - 4'	E306145-08A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
3 - 1'	E306145-09A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
3 - 2'	E306145-10A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
3 - 3'	E306145-11A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
3 - 4'	E306145-12A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
4 - 1'	E306145-13A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
4 - 2'	E306145-14A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
4 - 3'	E306145-15A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
4 - 4'	E306145-16A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
W1	E306145-17A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
W2	E306145-18A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
W3	E306145-19A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
W4	E306145-20A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	
G1	E306145-21A	Soil	06/15/23	06/19/23	Glass Jar, 10 oz.	



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	b	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name	:: Cott	on Draw Unit 16	57		
PO Box 247	Project Numb	oer: 010	01058-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S1 - 1'				
		E306145-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
oluene	ND	0.0250	1	06/19/23	06/20/23	
-Xylene	ND	0.0250	1	06/19/23	06/20/23	
,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
urrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2325016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
urrogate: n-Nonane		80.4 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2325027
Chloride	345	40.0	2	06/20/23	06/20/23	

Sample Data



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Sample Data

	25	imple D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 167	,		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			6/23/2023 9:19:07AM
		S1 - 2'				
]	E306145-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2325016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		79.5 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	: BA		Batch: 2325027
Chloride	82.4	20.0	1	06/20/23	06/20/23	



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	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit 1	.67		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AN
		S1 - 3'				
		E306145-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		80.5 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2325027
Chloride	32.1	20.0	1	06/20/23	06/20/23	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	: Cott	on Draw Unit	167		
PO Box 247	Project Numb	er: 010:	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			6/23/2023 9:19:07AM
		S1 - 4'				
		E306145-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		79.8 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2325027
Chloride	450	20.0	1	06/20/23	06/20/23	



	5	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	: Cott	on Draw Unit 167	7		
PO Box 247	Project Numb	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S2 - 1'				
		E306145-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Foluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		74.9 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2325027
Chloride	46.1	40.0	2	06/20/23	06/20/23	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Unit	167		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			6/23/2023 9:19:07AN
		S2 - 2'				
		E306145-06				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		77.2 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2325027
Chloride	60.2	20.0	1	06/20/23	06/20/23	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 16	7		
PO Box 247			Reported:			
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			6/23/2023 9:19:07AM
		S2 - 3'				
	-	E306145-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		72.5 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2325027
Chloride	25.5	20.0	1	06/20/23	06/20/23	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 16	7		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S2 - 4'				
		E306145-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		74.9 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2325027
Chloride	452	20.0	1	06/20/23	06/20/23	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	: Cott	on Draw Unit	167		
PO Box 247	Project Numb	er: 010	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S3 - 1'				
		E306145-09				
		Reporting				
Analyte	Result	Limit	Dilutic	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		72.8 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: BA		Batch: 2325027
Chloride	1130	20.0	1	06/20/23	06/20/23	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	:: Cott	on Draw Unit 1	167		
PO Box 247	Project Numb	oer: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S3 - 2'				
		E306145-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		66.6 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2325027
Chloride	20.1	20.0	1	06/20/23	06/20/23	



	0	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw Unit 16	7		
PO Box 247	Project Numb	oer: 0103	58-0007		Reported:	
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S3 - 3'				
		E306145-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
oluene	ND	0.0250	1	06/19/23	06/20/23	
-Xylene	ND	0.0250	1	06/19/23	06/20/23	
,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
urrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
urrogate: n-Nonane		77.8 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2325027
Chloride	28.2	20.0	1	06/20/23	06/20/23	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 16	57		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S3 - 4'				
		E306145-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		79.8 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2325027
Chloride	469	20.0	1	06/20/23	06/20/23	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw Unit	167		
PO Box 247	Project Numb	er: 0103	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			6/23/2023 9:19:07AM
		S4 - 1'				
		E306145-13				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Foluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		74.0 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2325027
Chloride	1100	20.0	1	06/20/23	06/20/23	



	52	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 167			
PO Box 247	Project Numbe		Reported:			
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S4 - 2'				
		E306145-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		76.3 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: BA		Batch: 2325027
Chloride	ND	20.0	1	06/20/23	06/20/23	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 167	,		
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		S4 - 3'				
	-	E306145-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		82.0 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	: BA		Batch: 2325027
Chloride	35.6	20.0	1	06/20/23	06/20/23	



	29	imple D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit 16	7		
PO Box 247	Project Numbe	r: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			6/23/2023 9:19:07AM
		S4 - 4'				
	1	E306145-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
o-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	66.1	25.0	1	06/20/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		81.9 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2325027
Chloride	490	20.0	1	06/20/23	06/21/23	



	5	ample D	ลเล				
Pima Environmental Services-Carlsbad	Project Name:	: Cott	on Draw Unit	167			
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			6/23/2023 9:19:07AM	
		SW1					
		E306145-17					
		Reporting					
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2325016	
Benzene	ND	0.0250	1	06/19/23	06/20/23		
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23		
Toluene	ND	0.0250	1	06/19/23	06/20/23		
p-Xylene	ND	0.0250	1	06/19/23	06/20/23		
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23		
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23		
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	06/19/23	06/20/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2325016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	06/19/23	06/20/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2325024	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23		
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23		
Surrogate: n-Nonane		92.5 %	50-200	06/20/23	06/22/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2325027	
Chloride	111	20.0	1	06/20/23	06/21/23		



ject Name	~						
Jeet Maine	: Cott	on Draw U	Jnit 167				
oject Numb	ber: 0105	58-0007				Reported:	
oject Mana	ger: Tom	Bynum				6/23/2023 9:19:07AM	
	SW2						
	E306145-18						
	Reporting						
Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
mg/kg	mg/kg		Analyst:	IY		Batch: 2325016	
ND	0.0250		1	06/19/23	06/20/23		
ND	0.0250		1	06/19/23	06/20/23		
ND	0.0250		1	06/19/23	06/20/23		
ND	0.0250		1	06/19/23	06/20/23		
ND	0.0500		1	06/19/23	06/20/23		
ND	0.0250		1	06/19/23	06/20/23		
	95.5 %	70-130		06/19/23	06/20/23		
mg/kg	mg/kg		Analyst:	IY		Batch: 2325016	
ND	20.0		1	06/19/23	06/20/23		
	89.8 %	70-130		06/19/23	06/20/23		
mg/kg	mg/kg		Analyst:	КМ		Batch: 2325024	
ND	25.0		1	06/20/23	06/22/23		
ND	50.0		1	06/20/23	06/22/23		
	86.9 %	50-200		06/20/23	06/22/23		
mg/kg	mg/kg		Analyst:	BA		Batch: 2325027	
130	20.0		1	06/20/23	06/21/23		
	Result mg/kg ND ND ND ND ND ND MD MD MD MD MD MD MD MD MD MD MD MD MD	ject Manager: Tom SW2 E306145-18 Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 S0.0 86.9 %	Jeet Manager: Tom Bynum SW2 E306145-18 Reporting Reporting Dil mg/kg mg/kg MD ND 0.0250 ND MD 0.0250 ND MD 20.0 100 mg/kg mg/kg 70-130 mg/kg mg/kg 70-200 mg/kg mg/kg 50-200	Jeet Manager: Tom Bynum SW2 E306145-18 Reporting Reporting Analyst: MD 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 MD 20.0 1 MD 25.0 1 ND 25.0 1 ND 50.0 1 86.9 % 50-200 1 mg/kg mg/kg Analyst:	Sw2 Sw2 E306145-18 Reporting Reporting Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 06/19/23 MD 20.0 1 06/19/23 mg/kg mg/kg Analyst: KW ND ND 20.0 1 06/20/23 MD 25.0 1 06/20/23 ND 50.0 <td>ject Manager: Tom Bynum SW2 E306145-18 Reporting Reporting Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/19/23 06/20/23 MD 0.0250 1 06/19/23 06/20/23 mg/kg mg/kg Analyst: IY V V ND 20.0 1 06/19/23 06/20/23 mg/kg mg/kg Analyst: KM V V ND 25.0 <t< td=""></t<></td>	ject Manager: Tom Bynum SW2 E306145-18 Reporting Reporting Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/19/23 06/20/23 MD 0.0250 1 06/19/23 06/20/23 mg/kg mg/kg Analyst: IY V V ND 20.0 1 06/19/23 06/20/23 mg/kg mg/kg Analyst: KM V V ND 25.0 <t< td=""></t<>	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		on Draw Uni	t 167		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		SW3				
		E306145-19				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2325016
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23	
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2325016
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2325024
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23	
Surrogate: n-Nonane		87.6 %	50-200	06/20/23	06/22/23	
Anions by EPA 300.0/9056A	A	nalyst: BA		Batch: 2325027		
Chloride	131	20.0	1	06/20/23	06/21/23	



	Si	ample D	ala							
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit	: 167						
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:				
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM				
		SW4								
		E306145-20								
		Reporting								
Analyte	Result	Limit	Dilutic	on Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2325016				
Benzene	ND	0.0250	1	06/19/23	06/20/23					
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23					
Toluene	ND	0.0250	1	06/19/23	06/20/23					
p-Xylene	ND	0.0250	1	06/19/23	06/20/23					
o,m-Xylene	ND	0.0500	1	06/19/23	06/20/23					
Total Xylenes	ND	0.0250	1	06/19/23	06/20/23					
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	06/19/23	06/20/23					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2325016				
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23					
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	06/19/23	06/20/23					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2325024				
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/22/23					
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/22/23					
Surrogate: n-Nonane		85.6 %	50-200	06/20/23	06/22/23					
Anions by EPA 300.0/9056A	nions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA									
Chloride	178	20.0	1	06/20/23	06/21/23					



	Si	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Cott	on Draw Unit	167		
PO Box 247	Project Numbe	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			6/23/2023 9:19:07AM
		BG1				
		E306145-21				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2325010
Benzene	ND	0.0250	1	06/19/23	06/20/23	
Ethylbenzene	ND	0.0250	1	06/19/23	06/20/23	
Toluene	ND	0.0250	1	06/19/23	06/20/23	
p-Xylene	ND	0.0250	1	06/19/23	06/20/23	
p,m-Xylene	0.0557	0.0500	1	06/19/23	06/20/23	
Fotal Xylenes	0.0557	0.0250	1	06/19/23	06/20/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2325010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/23	06/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	06/19/23	06/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2325022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/23	06/21/23	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/23	06/21/23	
Surrogate: n-Nonane		83.9 %	50-200	06/20/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2325025
Chloride	163	20.0	1	06/20/23	06/20/23	



QC Summary Data

		QC D	u 1111111 a	il y Dat	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw U 1058-0007 om Bynum	nit 167				Reported: 6/23/2023 9:19:07AM
Plains 1A, 19555-0247		, ,							0/23/2023 9.19.0/AM
		rganics b		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 (2325010-BLK1)							Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	ND	0.0250					•		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.60	0.0250	8.00		95.0	70-130			
LCS (2325010-BS1)							Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.55	0.0250	5.00		91.1	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.7	70-130			
Toluene	4.82	0.0250	5.00		96.5	70-130			
p-Xylene	4.87	0.0250	5.00		97.5	70-130			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
Total Xylenes	14.4	0.0250	15.0		96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			
Matrix Spike (2325010-MS1)				Source:	E306144-2	22	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.61	0.0250	5.00	ND	92.2	54-133			
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	61-133			
Toluene	4.90	0.0250	5.00	ND	98.1	61-130			
p-Xylene	4.97	0.0250	5.00	ND	99.3	63-131			
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			
Matrix Spike Dup (2325010-MSD1)				Source:	E306144-2	22	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.63	0.0250	5.00	ND	92.7	54-133	0.465	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133	0.0647	20	
Toluene	4.91	0.0250	5.00	ND	98.3	61-130	0.185	20	
p-Xylene	4.98	0.0250	5.00	ND	99.6	63-131	0.321	20	
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131	0.0776	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.1	63-131	0.160	20	
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			



QC Summary Data

		QC D		ary Dat	u				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw U 1058-0007	nit 167				Reported:
Plains TX, 79355-0247		Project Manager:		om Bynum					6/23/2023 9:19:07AM
,		, 0		•					
		Volatile O			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 (2325016-BLK1)							Prepared: 0	6/19/23 A	nalyzed: 06/20/23
Benzene	ND	0.0250					-		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			
LCS (2325016-BS1)							Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.58	0.0250	5.00		91.6	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.1	70-130			
Toluene	4.84	0.0250	5.00		96.8	70-130			
p-Xylene	4.88	0.0250	5.00		97.6	70-130			
o,m-Xylene	9.66	0.0500	10.0		96.6	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			
Matrix Spike (2325016-MS1)				Source:	E306145-0	07	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.59	0.0250	5.00	ND	91.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	95.9	61-133			
Toluene	4.88	0.0250	5.00	ND	97.6	61-130			
p-Xylene	4.94	0.0250	5.00	ND	98.8	63-131			
o,m-Xylene	9.75	0.0500	10.0	ND	97.5	63-131			
Fotal Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			
Matrix Spike Dup (2325016-MSD1)				Source:	E306145-0	07	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Benzene	4.58	0.0250	5.00	ND	91.6	54-133	0.266	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.7	61-133	0.230	20	
Toluene	4.85	0.0250	5.00	ND	97.1	61-130	0.550	20	
p-Xylene	4.91	0.0250	5.00	ND	98.2	63-131	0.639	20	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131	0.319	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131	0.427	20	
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.8	70-130			
-									



QC Summary Data

		$\chi \cup \gamma$	~~~~~	ing Date					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		otton Draw Uı 1058-0007	nit 167				Reported:
Plains TX, 79355-0247		Project Manager:	T	om Bynum					6/23/2023 9:19:07AM
	No	nhalogenated C	Organics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2325010-BLK1)							Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			
LCS (2325010-BS2)							Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.3	70-130			
Matrix Spike (2325010-MS2)				Source:	E306144-2	22	Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			
Matrix Spike Dup (2325010-MSD2)				Source:	E306144-2	22	Prepared: 0	6/19/23 A	Analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.1	70-130	0.500	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			



QC Summary Data

		QU D		i j Dau					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	-	otton Draw U1 1058-0007	nit 167				Reported:
Plains TX, 79355-0247		Project Manager:	Te	om Bynum					6/23/2023 9:19:07AM
	No	nhalogenated O	rganics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2325016-BLK1)							Prepared: 0	6/19/23 A	analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	ND	20.0							
urrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			
LCS (2325016-BS2)							Prepared: 0	6/19/23 A	analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
urrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			
Matrix Spike (2325016-MS2)				Source:	E306145-	07	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130			
urrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			
Matrix Spike Dup (2325016-MSD2)				Source:	E306145-	07	Prepared: 0	6/19/23 A	analyzed: 06/20/23
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.7	70-130	1.39	20	
urrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

		QU D	u 111111						
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	(Cotton Draw U 01058-0007	nit 167				Reported: 6/23/2023 9:19:07AM
Plains TX, 79355-0247		Project Manager:		Гот Bynum					0/23/2023 9:19:0/AM
	Nonh	alogenated Org	anics by	y EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2325022-BLK1)							Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			
LCS (2325022-BS1)							Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (C10-C28)	243	25.0	250		97.1	38-132			
Surrogate: n-Nonane	42.4		50.0		84.8	50-200			
Matrix Spike (2325022-MS1)				Source:	E306121-	04	Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	32.1		50.0		64.3	50-200			
Matrix Spike Dup (2325022-MSD1)				Source:	E306121-	04	Prepared: 0	6/20/23 A	Analyzed: 06/20/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	1.51	20	
Surrogate: n-Nonane	38.9		50.0		77.7	50-200			



QC Summary Data

		$\mathbf{v} \in \mathcal{S}$		ary Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	C	Cotton Draw Un 11058-0007 Com Bynum	nit 167				Reported: 6/23/2023 9:19:07AM
	Nonh	alogenated Org	anics by	v EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2325024-BLK1)							Prepared: 0	6/20/23	Analyzed: 06/21/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	45.9	50.0	50.0		91.9	50-200			
LCS (2325024-BS1)							Prepared: 0	6/20/23	Analyzed: 06/21/23
Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			-
Surrogate: n-Nonane	37.9		50.0		75.9	50-200			
Matrix Spike (2325024-MS1)				Source:	E306145-	10	Prepared: 0	6/20/23	Analyzed: 06/21/23
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132			
Surrogate: n-Nonane	32.7		50.0		65.4	50-200			
Matrix Spike Dup (2325024-MSD1)				Source:	E306145-	10	Prepared: 0	6/20/23	Analyzed: 06/21/23
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.1	38-132	0.509	20	
Surrogate: n-Nonane	32.1		50.0		64.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:		Cotton Draw U	nit 167				Reporte	ed:
PO Box 247		Project Number:		01058-0007						
Plains TX, 79355-0247		Project Manager:]	Гот Bynum					6/23/2023 9:1	9:07AM
		Anions	by EPA	300.0/9056 A	4				Analyst: BA	A
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Not	es
Blank (2325025-BLK1)							Prepared: 0	6/20/23	Analyzed: 06/2	0/23
Chloride	ND	20.0								
LCS (2325025-BS1)							Prepared: 0	6/20/23	Analyzed: 06/2	0/23
Chloride	249	20.0	250		99.4	90-110				
Matrix Spike (2325025-MS1)				Source:	E306121-0)1	Prepared: 0	6/20/23	Analyzed: 06/2	1/23
Chloride	261	20.0	250	ND	104	80-120				
Matrix Spike Dup (2325025-MSD1)				Source:	E306121-0)1	Prepared: 0	6/20/23	Analyzed: 06/2	1/23
Chloride	263	20.0	250	ND	105	80-120	0.880	20		



QC Summary Data

			•	J –						
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(Cotton Draw U1 01058-0007 Tom Bynum	nit 167				Repo 6/23/2023	orted: 9:19:07AM
		Anions	by EPA	300.0/9056A	4				Analyst:	BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	١	Notes
Blank (2325027-BLK1)							Prepared: 0	6/20/23	Analyzed: 0	6/20/23
Chloride	ND	20.0								
LCS (2325027-BS1)							Prepared: 0	6/20/23	Analyzed: 0	6/20/23
Chloride	251	20.0	250		100	90-110				
Matrix Spike (2325027-MS1)				Source:	E306145-0)1	Prepared: 0	6/20/23	Analyzed: 0	6/20/23
Chloride	615	40.0	250	345	108	80-120				
Matrix Spike Dup (2325027-MSD1)				Source:	E306145-0)1	Prepared: 0	6/20/23	Analyzed: 0	6/20/23
Chloride	614	40.0	250	345	108	80-120	0.127	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 167	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/23/23 09:19

ND	Analyte NOT DETECTED at or above the reporting limit
1.2	maryte no i bbilbe ibb at of acove are reporting initi

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



, Project Inf	ormatio	n				Chain c	of Custody	v											Page	L of <u>3</u>
Client: Pir Project: C Project Ma Address: S City, State	anager: 5614 N.	Covingt	<u>y Unit</u> num on Hwy.	<u>67</u>	Attention: De Address: City, State, Zip Phone:	Bill To Lab Use Only Von Lab W0# Job Number 1D 2 E 300/45 0/05 8-000 7 1 4 Analysis and Method 1 1 1 1								2D	X RCRA					
Phone: 54 Email: to Report due	30-748- m@pin	1613 naoil.cor			Email: Pima Project #	203-2	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metais 6010	Chloride 300.0		DC NM	ž			State DUTAZ	TX
Sampled	Sampled	Matrix	Containers	Sample ID	<u>, </u>		Number	DRO,	en of the second	BTEX	Š	Meta	CH ^Q		K BGDOC	BGDOC			Remark	s
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Additional	Instruct	tions:	I		illing #	21149		1		4.1			 •		<u> </u>	1				
					aware that tampering with)n,											pled or received
late or time of Relinquished	by: (Signa	tyre)	Date		Received by: (Si	gnatu /6)	Date		Time			раскео	in ice at	an avg tem			se Only	C on subsequent	aays.	
Relinquished		Aform ture)	Date	16-23 [7] 16-23 [7]	D MICUL		Date	-23 -72	Time	330 7œ			eived	on ice:	6	') N	l L			
Relinguished		n (1900) MUDO	Date		300 Begeived by (Si	gnature) Mac	Date	13	Time	' DI		T1 AVG	Tem	p°C_	4			_ <u>T3</u>		
	: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other	ess other arrangements		Containe				p - po	oly/pl	astic,	ag - amb				port for the a	nalucic of th	e above
					tory with this COC. The li						for o	n the r	eport.		ent exp	.561156				
													; (e	n	V	ĬĬ	O	te	ch

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Project Information

roject In	formatio	n				Chain	of Custody	/											Page	of
roject N ddress:	anager: 5614 N.	Tom By Lovingt	on Hwy.			Address: E SOLO/45 01057-0007 City, State, Zip Analysis and Method								TAT EPA Program 1D 2D 3D Standard CWA SDWA						
one: §	80-748- om@pin	1613	i			Phone: Email: Pima Project #203-2	1 Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		C NM	¥			State D UT AZ	
ampled	Sampled	Matrix	No. of Containers	Sample ID ≤ 7	<u>z`</u>		Number	DRO/	GRO/	BTEX	VOCI	Meta	Chlor	_	N BGDOC	BGDOC			Remark	s
:55				<u>S</u> 3-	<u> </u>		12													
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170 1:25				5W 5W2			17								$\left \right $					
:30				SW2 SW3			19								╁╂					
7:35	l Instruct	tions:		SWY			20													
field samp	er), attest to	the validity		city of this sample hay be grounds for		BH 2114 ware that tampering with or intentionally mislabel ction. Sampled by:			on,					-				ived on ice the d		pled or received
linguishe	d by: (Signa L Ad An d by: (Signa) () (ture) J-C	Date (e Date		/ <i>:</i> 30 •	Received by: (Signature)	Date 	<u>23</u> -23	Time	33C 100		Reci	eived	on ice:	Ç	ab U) / N	se Only I	у 		
ANIN	d by: (Signa	my	Date	16-23 Tim queous, 0 - Other	30	Received by: (Signature)	Date UI9/2 Containe	13	Time	D)	- Construction	i Tem lastic,	p°C_L ag-amt		ISS, V	- VOA			
ote: Samp	les are disca	arded 30 da	ays after res	sults are reporte	d unles borato	is other arrangements are made. Hazardous my with this COC. The liability of the laborator	samples will	be ret	turned	to cli							-	port for the a	analysis of th	e above

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Project	Information

Chain of Custouy	Chain	of	Custody
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Project Information	Chain of	Custody											Page	of
<u>Client: Pima Environmental Services</u> <u>Project: סלוסר להאט</u> עוזיד <u>Project Manager: Tom Bynum</u> Address: 5614 N. Lovington Hwy.	Bill To Attention: Address: City, State, Zip	ion:			Lab Use Only Lab WO# Job:Number E 30/0/95 8-00 Analysis and M					2D	TAT 3D S	tandard	EPA P CWA	SDWA RCRA
City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by: Time Date No. of Council 10	Phone: Email: Pima Project # 203-2	Lab	DRO/ORO by 8015 GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		DC NM	×۲ X		NM CO	State UT AZ	of rogram SDWA RCRA
Sampled Sampled Matrix Containers Sample ID 9:40 6/15 S BG	1	Number	DRO/ GRO/	BTEX	VOC	Meta	Chloi	_	X	BGDOC			Remarks	
	4 													
Additional Instructions: , (field sampler), attest to the validity and authenticity of this sample. late or time of collection is considered fraud and may be grounds for le			ocation,			· ·	-	-				d on ice the day		led or received
Relinquished by: (Signature) Miim Ada Ma Relinquished by: (Signature) California and a second	30 Received by: (Signature) Received by: (Signature) Received by: (Signature)	Date Lo-162 Date	3 / フン ^{Timi}	330 10		Reco	eived o	on ice:	6	ab Us // N	e Only			
Michell (unclose) Date Time Lelinguished by: (Signature) Date Time Michell (Michell (300 in de la company de la com	Container T	3 8	500)	the second s	i Temp		12 7 Per ala		/04	13		
Note: Samples are discarded 30 days after results are reported samples is applicable only to those samples received by the lab	unless other arrangements are made. Hazardous sar	mples wiil be	e returne	ed to cl								ort for the an	alysis of the	above

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Dime Environmental Complete C 11 1				
Client:		te Received:	06/19/23 08		Work Order ID: E306145
Phone:		ate Logged In:	06/19/23 09		Logged In By: Caitlin Mars
Email:	tom@pimaoil.com Du	ie Date:	06/23/23 17	7:00 (4 day TAT)	
<u>Chain of</u>	f Custody (COC)				
	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	analyses?	Yes		
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.	e field,	Yes		Comments/Resolution
Sample'	Turn Around Time (TAT)				
	e COC indicate standard TAT, or Expedited TAT?		Yes		White out present on COC when received
Sample (•				from client.
	sample cooler received?		Yes		
	was cooler received in good condition?		Yes		
-	ne sample(s) received intact, i.e., not broken?		Yes		
	custody/security seals present?		No		
	s, were custody/security seals intact?		NA		
•	he sample received on ice? If yes, the recorded temp is 4°C, i.e.,	6°±2°C			
	Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample ten	nperature: <u>4°</u>	<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?		Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	field sample labels filled out with the minimum information Sample ID?	ation:	Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
Sample]	Preservation				
-	the COC or field labels indicate the samples were prese	rved?	No		
22. Are s	sample(s) correctly preserved?		NA		
24. Is lab	o filteration required and/or requested for dissolved meta	ls?	No		
<u>Multiph</u>	ase Sample Matrix				
26. Does	the sample have more than one phase, i.e., multiphase?		No		
27. If yes	s, does the COC specify which phase(s) is to be analyzed	1?	NA		
<u>Subcont</u>	ract Laboratory_				
28. Are s	samples required to get sent to a subcontract laboratory?		No		
29. Was	a subcontract laboratory specified by the client and if so	who?	NA S	Subcontract Lab	p: na

Date

envirotech Inc.

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 167H

Work Order: E307147

Job Number: 01058-0007

Received: 7/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/28/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/28/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 167H Workorder: E307147 Date Received: 7/27/2023 7:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/27/2023 7:10:00AM, under the Project Name: Cotton Draw Unit 167H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 167H 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:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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Sample	Summary
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		Sample Sum	mai y		
Pima Environmental Services-Carlsbad		Project Name:	Cotton Draw Unit 167H 01058-0007		Reported:
PO Box 247		Project Number:			Reporteu.
Plains TX, 79355-0247		Project Manager:	Tom Bynum		07/28/23 13:19
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 Bottoms	E307147-01A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS2 Bottoms	E307147-02A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS3 Bottoms	E307147-03A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS4 Bottoms	E307147-04A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CS5 Bottoms	E307147-05A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSW1	E307147-06A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSW2	E307147-07A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSW3	E307147-08A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.
CSW4	E307147-09A	Soil	07/24/23	07/27/23	Glass Jar, 2 oz.


	5	ampic D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 010	on Draw Unit 16 58-0007 1 Bynum	7H		Reported: 7/28/2023 1:19:18PM
	(CS1 Bottoms				
		E307147-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY	Batch: 2330066	
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
oluene	ND	0.0250	1	07/27/23	07/27/23	
-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
urrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		83.8 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
urrogate: n-Nonane		90.8 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



		impic D	aca			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		on Draw Unit 167 58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	er: Tom	n Bynum		7/28/2023 1:19:18PM	
	С	CS2 Bottoms				
	-	E307147-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
p,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.4 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		96.6 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



			aua			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		on Draw Unit 167 58-0007	7H		Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum		7/28/2023 1:19:18PM	
	(CS3 Bottoms				
		E307147-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.8 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		97.9 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



			aca			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010:	on Draw Unit 167 58-0007 1 Bynum		Reported: 7/28/2023 1:19:18PM	
Tians 17, 7955-0247	, .		-			
	-	CS4 Bottoms				
		E307147-04				
	D k	Reporting		D 1		
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		96.3 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	oer: 010	on Draw Unit 16 58-0007 1 Bynum	7H		Reported: 7/28/2023 1:19:18PM
	(CS5 Bottoms				
		E307147-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
o-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		98.8 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	6	ampic D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	oer: 010	on Draw Unit 1 58-0007 1 Bynum	67H		Reported: 7/28/2023 1:19:18PM
		CSW1				
		E307147-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY	Batch: 2330066	
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		98.8 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	: Cott	on Draw Unit 16	57H		
PO Box 247	Project Numb		58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			7/28/2023 1:19:18PM
		CSW2				
		E307147-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
o-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Total Xylenes	ND	0.0250	1	07/27/23	07/27/23	
urrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
urrogate: n-Nonane		100 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	6	ampie D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	oer: 010	ton Draw Unit 1 58-0007 1 Bynum		Reported: 7/28/2023 1:19:18PM	
		CSW3				
		E307147-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		98.8 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



	6	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	oer: 010	on Draw Unit 10 58-0007 1 Bynum		Reported: 7/28/2023 1:19:18PM	
		CSW4				
		E307147-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	vst: RKS		Batch: 2330066
Benzene	ND	0.0250	1	07/27/23	07/27/23	
Ethylbenzene	ND	0.0250	1	07/27/23	07/27/23	
Toluene	ND	0.0250	1	07/27/23	07/27/23	
p-Xylene	ND	0.0250	1	07/27/23	07/27/23	
o,m-Xylene	ND	0.0500	1	07/27/23	07/27/23	
Fotal Xylenes	ND	0.0250	1	07/27/23	07/27/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2330066
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/23	07/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	07/27/23	07/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2330067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/23	07/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/27/23	07/27/23	
Surrogate: n-Nonane		99.9 %	50-200	07/27/23	07/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2330071
Chloride	ND	20.0	1	07/27/23	07/27/23	



QC Summary Data

		QC D		ii y Dat	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	otton Draw U 1058-0007 om Bynum	nit 167H				Reported: 7/28/2023 1:19:18PM
114115 1A, 77555-02+7		, ,		•	1D				
		Volatile O	rganics	OY EPA 802	218				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 (2330066-BLK1)					Prepared: 0	7/27/23 A	nalyzed: 07/27/23		
Benzene	ND	0.0250					•		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.14	0.0250	8.00		102	70-130			
LCS (2330066-BS1)							Prepared: 0	7/27/23 A	analyzed: 07/27/23
Benzene	4.72	0.0250	5.00		94.4	70-130			
thylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.60	0.0500	10.0		96.0	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			
Matrix Spike (2330066-MS1)				Source:	E307147-0)2	Prepared: 0	7/27/23 A	analyzed: 07/27/23
Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	61-133			
Foluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.05	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			
Matrix Spike Dup (2330066-MSD1)				Source:	E307147-()2	Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	1.06	20	
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133	0.852	20	
Foluene	4.99	0.0250	5.00	ND	99.8	61-130	0.943	20	
o-Xylene	5.01	0.0250	5.00	ND	100	63-131	0.723	20	
o,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	0.869	20	
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131	0.820	20	
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130			



QC Summary Data

				ary Date					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	-	otton Draw U1 1058-0007	nit 167H				Reported:
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					7/28/2023 1:19:18PM
	No	nhalogenated C	Organics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2330066-BLK1)							Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.67		8.00		83.4	70-130			
LCS (2330066-BS2)							Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			
Matrix Spike (2330066-MS2)				Source:	E307147-	02	Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.75		8.00		84.3	70-130			
Matrix Spike Dup (2330066-MSD2)				Source:	E307147-	02	Prepared: 0	7/27/23 A	nalyzed: 07/27/23
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.5	70-130	0.177	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.70		8.00		83.7	70-130			



QC Summary Data

		QC DI		ary Date	•				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ur 01058-0007	iit 167H				Reported:
Plains TX, 79355-0247		Project Manager:	-	Tom Bynum					7/28/2023 1:19:18PM
	Nonh	alogenated Org	anics by	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 (2330067-BLK1)							Prepared: 0	7/27/23 A	Analyzed: 07/27/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	50-200			
LCS (2330067-BS1)							Prepared: 0	7/27/23 A	Analyzed: 07/27/23
Diesel Range Organics (C10-C28)	249	25.0	250		99.5	38-132			
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			
Matrix Spike (2330067-MS1)				Source:	E307147-	01	Prepared: 0	7/27/23 A	Analyzed: 07/27/23
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	49.0		50.0		97.9	50-200			
Matrix Spike Dup (2330067-MSD1)				Source:	E307147-	01	Prepared: 0	7/27/23 A	Analyzed: 07/27/23
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132	0.317	20	
Surrogate: n-Nonane	49.6		50.0		99.2	50-200			



QC Summary Data

			•	····· J = ····					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw U 1058-0007	nit 167H				Reported:
Plains TX, 79355-0247		Project Manager:		Fom Bynum					7/28/2023 1:19:18PM
		Anions	by EPA	300.0/9056	4				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 (2330071-BLK1)							Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	ND	20.0							
LCS (2330071-BS1)							Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2330071-MS1)				Source:	E307147-0)1	Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2330071-MSD1)				Source:	E307147-()1	Prepared: 0	7/27/23 A	analyzed: 07/27/23
Chloride	260	20.0	250	ND	104	80-120	0.322	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 167H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/28/23 13:19

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Project Manager: Tom Bynum

Phone: 580-748-1613

Report due by:

Time

Sampled

1:30

1:35

:40

1:45

1:50

1:55

2:00

2:05

2:10

Additional Instructions:

Email: tom@pimaoil.com

Date

Sampled

124

Address: 5614 N. Lovington Hwy.

City, State, Zip Hobbs, NM, 88240

Matrix

5

9

No. of

Containers

Sample ID

CSI

CS Z

cs 3

CS U

CS 5

CSWI

CSWZ

CSW3

CSW4

Page_/ of / Chain of Custody **Bill To** Lab Use Only TAT **EPA Program** De Inn DICESS-COD-+ Attention: Lab WO# 3D Standard 1D 2D CWA **SDWA** Address: FROM ILL I City, State, Zip Analysis and Method RCRA Phone: Email: DRO/ORO by 8015 GRO/DRO by 8015 State 203-2 NM CO UT AZ TX Chloride 300.0 Pima Project # VOC by 8260 **BTEX by 8021** ŇN Metals 6010 4 K BGDOC Lab BGDOC Remarks Number X Bottoms 2 3 U 5 10 8 O #21/49451 Billing

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location Samples requiring thermal preservation must be received on Ice the day they are sampled or received date or time of collection is considered fraud and may be grounds for legal action. packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Sampled by: 1 Time Received by (Signation) 1

Relinquished by: (Signature) Hurine Atame	7/26/23 Time 3:0	D Received by: (Signature)	Date Date	Time 1500	Lab Use Only Received on ice: 20 / N
Relinguished by: (Signature) Michelle (Muyle	Date 1.24.23 Time	S Received by: (Signature)	Date	Time 1715	T1
Relinguished by: (Signature)	Date 7.26.23 Time 23	HS heuren R Hal.	Date 7/27/23	Time 07/0	AVG Temp °C 4
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludg		are other arrangements are made. Usered	Container Typ	e: g - glass, p -	poly/plastic, ag - amber glass, v - VOA

less other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Page 19 of 20

Released to Imaging:

7/9/2025 8:39:45 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad	Date Received:	07/27/23	07:10	Work Order ID:	E307147
Phone:	(575) 631-6977	Date Logged In:	07/26/23	16:03	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	07/27/23	17:00 (0 day TAT)		
Chain o	<u>f Custody (COC)</u>					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location m	atch the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	he COC complete, i.e., signatures, dates/times, requ	ested analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucs		Yes		Comment	s/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>					
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
7. Was a	sample cooler received?		Yes			
8. If yes	, was cooler received in good condition?		Yes			
9. Was the	he sample(s) received intact, i.e., not broken?		Yes			
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° Note: Thermal preservation is not required, if samples minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual samp	le temperature: <u>4°</u>	<u>C</u>			
Sample	Container					
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
16. Is th	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	non-VOC samples collected in the correct container	rs?	Yes			
19. Is the	e appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La	<u>ibel</u>					
20. Were	e field sample labels filled out with the minimum in	formation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name? Preservation		Yes			
_	s the COC or field labels indicate the samples were	nreserved?	No			
	sample(s) correctly preserved?	proper real	NA			
	b filteration required and/or requested for dissolved	metals?	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multipl	uase?	No			
	s, does the COC specify which phase(s) is to be an		NA			
	tract Laboratory		11/1			
vuil		orv?	No			
28. Are	samples required to get sent to a subcontract labora					
	samples required to get sent to a subcontract labora a subcontract laboratory specified by the client and		NA	Subcontract Lab: 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 167 CTB

Work Order: E505050

Job Number: 01058-0007

Received: 5/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/12/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 5/12/25

Delrae Geller PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 167 CTB Workorder: E505050 Date Received: 5/6/2025 8:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2025 8:00:00AM, under the Project Name: Cotton Draw Unit 167 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 167 CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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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BACKFILL 2

		Sample Sum	mary			
Pima Environmental Services-Carlsbad		Project Name:	Cotton Draw Unit	167 CTB	Doportoda	
PO Box 247		Project Number:	01058-0007		Reported:	
Plains TX, 79355-0247		Project Manager:	Delrae Geller		05/12/25 11:00	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
BACKFILL 1	E505050-01A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.	

Soil

E505050-02A

05/02/25

05/06/25

Glass Jar, 2 oz.



	5	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		on Draw Unit 167 58-0007		Reported:	
Plains TX, 79355-0247	Project Manag		ae Geller	5/12/2025 11:00:19AM		
	В	BACKFILL 1				
		E505050-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2519033		
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
p-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2519033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2519048
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		106 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2519078
Chloride	ND	20.0	1	05/07/25	05/07/25	



	0	ampie D	ala			
Pima Environmental Services-Carlsbad	Project Name	: Cott	on Draw Unit 16	7 CTB		
PO Box 247	Project Numb	er: 010	58-0007		Reported: 5/12/2025 11:00:19AM	
Plains TX, 79355-0247	Project Manag	ger: Deli	ae Geller			
	В	BACKFILL 2	2			
		E505050-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2519033		
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2519033
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2519048
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		110 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2519078
Chloride	ND	20.0	1	05/07/25	05/07/25	



QC Summary Data

		QC D	u 111111	ary Dat	ц				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	(Cotton Draw U 01058-0007	nit 167 CTB	5			Reported:
Plains TX, 79355-0247		Project Manager:]	Delrae Geller					5/12/2025 11:00:19AM
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519033-BLK1)							Prepared: 0	5/06/25 A	nalyzed: 05/06/25
Benzene	ND	0.0250							· ·
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.06	0.0250	8.00		88.3	70-130			
LCS (2519033-BS1)							Prepared: 0	5/06/25 A	nalyzed: 05/06/25
Benzene	5.23	0.0250	5.00		105	70-130			
Ethylbenzene	5.24	0.0250	5.00		105	70-130			
Toluene	5.27	0.0250	5.00		105	70-130			
p-Xylene	5.23	0.0250	5.00		105	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.7	70-130			
Matrix Spike (2519033-MS1)				Source:	E505051-0	1	Prepared: 0	5/06/25 A	nalyzed: 05/07/25
Benzene	5.43	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130			
Toluene	5.46	0.0250	5.00	ND	109	70-130			
o-Xylene	5.39	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			
Matrix Spike Dup (2519033-MSD1)				Source:	E505051-0	1	Prepared: 0	5/06/25 A	nalyzed: 05/07/25
Benzene	4.99	0.0250	5.00	ND	99.7	70-130	8.55	27	
Ethylbenzene	5.00	0.0250	5.00	ND	100	70-130	8.24	26	
Toluene	5.01	0.0250	5.00	ND	100	70-130	8.63	20	
p-Xylene	4.94	0.0250	5.00	ND	98.9	70-130	8.59	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	8.06	23	
Total Xylenes	15.1	0.0250	15.0	ND	100	70-130	8.23	26	
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			



QC Summary Data

		QU N		II y Data					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		otton Draw U 1058-0007	nit 167 CT	В			Reported:
Plains TX, 79355-0247		Project Manager:	D	elrae Geller					5/12/2025 11:00:19AM
	No	nhalogenated C	Organics	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519033-BLK1)							Prepared: 0	5/06/25 A	analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
LCS (2519033-BS2)							Prepared: 0	5/06/25 A	analyzed: 05/07/25
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			
Matrix Spike (2519033-MS2)				Source:	E505051-(01	Prepared: 0	5/06/25 A	analyzed: 05/07/25
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			
Matrix Spike Dup (2519033-MSD2)				Source:	E505051-(01	Prepared: 0	5/06/25 A	analyzed: 05/07/25
Gasoline Range Organics (C6-C10)	38.6	20.0	50.0	ND	77.2	70-130	13.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			



QC Summary Data

		X C D		ary Date					
Pima Environmental Services-Carlsbac PO Box 247	l	Project Name: Project Number:		Cotton Draw Ui 1058-0007	nit 167 CT	В			Reported:
Plains TX, 79355-0247		Project Manager:	Ι	Delrae Geller					5/12/2025 11:00:19AM
	Nonh	alogenated Org	anics by	7 EPA 8015) - 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 (2519048-BLK1)							Prepared: 0	5/06/25 A	Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	61-141			
LCS (2519048-BS1)							Prepared: 0	5/06/25 A	Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	283	25.0	250		113	66-144			
Surrogate: n-Nonane	51.1		50.0		102	61-141			
Matrix Spike (2519048-MS1)				Source:	E505049-	01	Prepared: 0	5/06/25 A	Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	51.8		50.0		104	61-141			
Matrix Spike Dup (2519048-MSD1)				Source:	E505049-	01	Prepared: 0	5/06/25 A	Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156	4.04	20	
Surrogate: n-Nonane	53.9		50.0		108	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:		Cotton Draw U	nit 167 CT	В			Reported:
PO Box 247		Project Number:		01058-0007					
Plains TX, 79355-0247		Project Manager:		Delrae Geller					5/12/2025 11:00:19AM
		Anions	by EPA	300.0/9056	A Contraction				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 (2519078-BLK1)							Prepared: 0	5/07/25	Analyzed: 05/07/25
Chloride	ND	20.0							
LCS (2519078-BS1)							Prepared: 0	5/07/25	Analyzed: 05/07/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2519078-MS1)				Source:	E505051-	02	Prepared: 0	5/07/25	Analyzed: 05/07/25
Chloride	761	100	250	483	112	80-120			
Matrix Spike Dup (2519078-MSD1)				Source:	E505051-	02	Prepared: 0	5/07/25	Analyzed: 05/07/25
Chloride	759	100	250	483	111	80-120	0.268	20	

QC Summary Report Comment:

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 167 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	05/12/25 11:00

- 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.

Page ____ of _

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Chain of Custody

E505050CM

	Clie	nt Inform	nation			Invo	ice Information			Lab Use Only							TAT				State				
Client: P	ma Environr	nental Se	rvices, LL	C		Company: Devo	n.	-	l	Lab	W <u>O</u> #	O# Job Number 1D 2D						2D	3D	Std		NM	CO UT	TX	
Project N	lame: Cottor	n Draw Ur	nit 167 C	ГВ		Address:			E	5	X	\mathcal{H}^{0}		DIV	28.1	<u>m)</u>	1				x		x		
Project N	Aanager: Del	rae Gelle	r .			City, State, Zip:			[
Address:	5614 North	Lovingto	n Hwy			Phone:								Ana	lysis	and	Met	hod						A Progra	
	te, Zip: Hobb		3240		-	Email:																SD\	NA	CWA.	RCRA
	806) 724-539					Miscellaneous: P	ROJECT# 1-203-2															L			
<u>Email: D</u>	elrae@pima	oil.com			_						រុ	ង										_	plianc	e Y	or N
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Numt		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle	Ter		Idiks
10:01	5/2/2025	S				BACKFILL 1			1										x			4	7		
10:10	5/2/2025	s				BACKFILL 2			2										x			4.	D		
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Addition	al Instructio	ns: BILL	 LING- 211	49451															L	I					
l, (field sam	pler), attest to th	e validity and	authenticity	y of this sample. I	amawa	re that tampering with o	r intentionally mislabeling	the sar	nple loca	ation,	, date (or time	e of co	llectio	n is cor	nsidere	ed frau	d and i	may b	e grou	nds for	r legal a	ction.		
Sampled by																					-				
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Sample Mat	rix: S - Soil, Sd - S	olid. Sg - Sluc	dge. A - Aque		• 7		min	ICont	ainer	Type	:g-	glass.	<u>U</u>	olv/r) astic	j () c, ag ·	- amb) Der gla	ass, v	,-vo	A				
					nless o	other arrangements ar	e made. Hazardous san					_				-		0				or the :	analys	is of the a	ove
samples is	applicable only	to those sa	amples rece	eived by the labo	ratory	with this COC. The lial	bility of the laboratory i	s limite	ed to th	he an	nount	paid (for on	the r	eport.										

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client: Pima	Environmental Services-Carlsbad	Date Received:	05/06/25 08	:00	Work Order ID: E505050
	631-6977	Date Logged In:	05/05/25 16		Logged In By: Noe Soto
Email:		Due Date:		:00 (4 day TAT)	
Chain of Custo	dy (COC)				
1. Does the sam	ble ID match the COC?		Yes		
2. Does the num	ber 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 the COC	complete, i.e., signatures, dates/times, re	quested analyses?	No	-	
Note:	les received within holding time? Analysis, such as pH which should be conduct minute hold time, are not included in this disu		Yes		Comments/Resolution
	<u>round Time (TAT)</u>				
6. Did the COC	indicate standard TAT, or Expedited TAT	?	Yes		No. of containers and sampled by not
Sample Cooler	-				provided on COC.
	cooler received?		Yes		-
8. If yes, was co	oler received in good condition?		Yes		
9. Was the samp	le(s) received intact, i.e., not broken?		Yes		
10. Were custod	y/security seals present?		No		
11. If yes, were	custody/security seals intact?		NA		
12. Was the sampl Note:	e received on ice? Thermal preservation is not required, if sample	es are received within	Yes		
15 mi	nutes of sampling				
	individual sample temps. Samples outsid	le of 0°C-6°C will be	e recorded in	comments.	
13. See COC for Sample Contain	<u>ier</u>	le of 0°C-6°C will be	e recorded in	comments.	
 See COC for <u>Sample Contain</u> Are aqueous 	ter_ VOC samples present?	le of 0°C-6°C will be	No	comments.	
13. See COC forSample Contain14. Are aqueous15. Are VOC sa	ter VOC samples present? mples collected in VOA Vials?		No NA	comments.	
 See COC for Sample Contain Are aqueous Are VOC sa Is the head s 	<u>ter</u> VOC samples present? mples collected in VOA Vials? pace less than 6-8 mm (pea sized or less)'		No NA NA	comments.	
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 See COC for <u>Sample Contain</u> Are aqueous Are VOC sa Is the head s Is the head s Was a trip bl Are non-VO Is the appropriate Sample Date/Tire Collector Sample Preserve Does the CC Are sample(Is lab filtrati Multiphase Sam Coles the sam Toos the sam Toos the sam Toos the sam 	ter VOC samples present? mples collected in VOA Vials? pace less than 6-8 mm (pea sized or less)? ank (TB) included for VOC analyses? C samples collected in the correct contain iate volume/weight or number of sample co umple labels filled out with the minimum [D? ne Collected? rs name? ation C or field labels indicate the samples were s) correctly preserved? on required and/or requested for dissolved mple Matrix pple have more than one phase, i.e., multi he COC specify which phase(s) is to be a	? ntainers collected? information: re preserved? 1 metals? phase?	No NA NA Yes Yes Yes No No No No	comments.	
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Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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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

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QUESTIONS

Action 465862

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465862
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2103458288
Incident Name	NAPP2103458288 COTTON DRAW UNIT 167 CTB @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source

Please answer all the questions in this group.					
Site Name	COTTON DRAW UNIT 167 CTB				
Date Release Discovered	01/21/2021				
Surface Owner	State				

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	Νο				
Has this release endangered or does it have a reasonable probability of endangering public health	Νο				
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	Νο				

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	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other (Specify) Released: 0 (Unknown Released Amount) Recovered: 0 Lost: 0
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 465862

QUESTIONS (continued)				
Operator:	OGRID:			
DEVON ENERGY PRODUCTION COMPANY, LP	6137			
333 West Sheridan Ave.	Action Number:			
Oklahoma City, OK 73102	465862			
	Action Type:			
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)			

QUESTIONS

Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.		
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	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releat 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: 05/21/2025	

DEVON ENERGY PRODUCTION COMPANY, LP

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Operator

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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 (continued)

OGRID:

6137

QUESTIONS, Page 3

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Action 465862

333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465862
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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 an	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	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)

Greater than 5 (mi.)
Greater than 5 (mi.)
Greater than 5 (mi.)
Low
Greater than 5 (mi.)
Νο

Remediation Plan

appropriate district office no later than 90 days after the release discovery date.		
Yes		
sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Yes		
No		
rams per kilograms.)		
1130		
66.1		
66.2		
0		
0		
orts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,		
06/19/2023		
07/21/2023		
07/21/2023		
935		
28		
935		
28		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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

(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)

(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)

Ground Water Abatement pursuant to 19.15.30 NMAC

OTHER (Non-listed remedial process)

local laws and/or regulations

(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)

which includes the anticipated timelines for beginning and completing the remediation.

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QUESTIONS, Page 4

Action 465862

	STIONS (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	465862	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to	o 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 remed	liate / 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.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	

Not answered.

Not answered.

Not answered.

Not answered.

Not answered.

Not answered. Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/21/2025
--	--

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

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Action 465862

QUESTIONS (continued)		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 465862	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		

Deferral	Requests	Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο

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

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QUESTIONS, Page 6

Action 465862

QUESTIONS (continued)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465862
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	465870
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/21/2023
What was the (estimated) number of samples that were to be gathered	28
What was the sampling surface area in square feet	935

Remed	iation Cl	osure	Request	
- ·				

Only answer the questions in this group if seeking remediation closure for this release because all r	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	935
What was the total volume (cubic yards) remediated	28
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	935
What was the total volume (in cubic yards) reclaimed	28
Summarize any additional remediation activities not included by answers (above)	Remediated and reclaimed area. Chloride levels are less than 600 mg/kg and TPH is less than 100 mg/kg.
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com

Date: 05/21/2025

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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 7

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Action 465862

QL	JES1	TIONS	(continued)	

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465862
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	935
What was the total volume of replacement material (in cubic yards) for this site	28
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	11/14/2045
	Initial Sampling was completed; Excavated to 2", collected confirmation and backfill samples.
of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevan NMAC.	t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for releas the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required isses 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 ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng notification to the OCD when reclamation and re-vegetation are complete.
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com

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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 (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465862
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied

Requesting a restoration complete approval with this submission

No Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete

QUESTIONS, Page 8

Action 465862

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

	CONDITIONS
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465862
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By Condition

 rhamlet
 We have received your Reclamation Report for Incident #NAPP2103458288 COTTON DRAW UNIT 167 CTB, thank you. This Reclamation Report is approved.
 7/9/2025

Action 465862

Condition