

Pima Environmental Services 5614 N. Lovington Highway Hobbs, NM 88240 575-964-7740

November 10, 2022

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

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

Re: Site Assessment, Remediation, and Closure Report

Cedar 11 ST 1H CTB API No. 30-015-42737

GPS: Latitude 32.490634 Longitude -104.168742

UL M, Sec. 11, T21S, R27E

Eddy County, NM

NMOCD Ref. No. <u>NCE2002743791</u>

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production, LLC. (Devon) to perform a spill assessment, remediation, and submit this closure report for a produced water release that occurred at the Cedar 11 ST 1H CTB (Cedar). The initial C-141 was submitted on October 9, 2019 (Appendix C). This incident was assigned Incident ID NCE2002743791 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Cedar is located approximately five (5) miles Northeast of Carlsbad, NM. This spill site is in Unit M, Section 11, Township 21S, Range 27E, Latitude 32.490634 Longitude -104.168742, 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. May locally include uppermost Eolian and piedmont deposits. The soil in this area is made up of Simona-Bippus complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well drained. There is a high potential for karst geology to be present around the Cedar (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 120 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 152 feet BGS. The closest waterway Playa located approximately 14.43 miles to the Northwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29						
Depth to Groundwater		Cons	tituent & Limits			
(Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene	
<50' (High Karst)	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

<u>NCE2002743791:</u> On October 5, 2019, Poly line malfunction causing fluid release in the pasture. The released fluids were calculated to be approximately 130 barrels (bbls) of produced water. A vacuum truck was able to recover approximately 10 bbls of total fluid from the impacted area.

Site Assessment and Soil Sampling Results

On October 3, 2022, Pima mobilized personnel to the site to assess the area. We sampled the impacted area. Laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

10-3-22 Soil Sample Results									
	NMOCD To	able 1 Clo	osure Crit	eria 19.15.2	9 NMAC	(Depth to (Groundwa	iter is 50')	
			DEVO	N ENERGY -	CEDAR 11	ST #1H			
	NM Approved Laboratory Results								
Sample	Date	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI
ID	Sampled	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	10/3/2022	1'	ND	ND	ND	ND	ND	ND	40.3
	10/3/2022	2' 3'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	30.2 ND
S-1	10/24/2022	4'	ND	ND	ND	ND	ND	ND	ND
3-1	10/24/2022	5'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	6'	ND	ND	ND	ND	ND	ND	ND
	10/3/2022	1'	ND	ND	ND	ND	ND	ND	ND
	10/3/2022	2' 3'	ND	ND	ND	ND	ND	ND	37.2
S-2	10/24/2022	4'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/24/2022	5'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	6'	ND	ND	ND	ND	ND	ND	ND
S-3	10/3/2022	1'	ND	ND	ND	ND	ND	ND	25.9
	10/3/2022	2'	ND	ND	ND	ND	ND	ND	38.1
	10/24/2022	3' 4'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/24/2022	5'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	6'	ND	ND	ND	ND	ND	ND	ND
	10/3/2022	1'	ND	ND	ND	ND	ND	ND	25.3
	10/3/2022	2'	ND	ND	ND	ND	ND	ND	22.9
S-4	10/24/2022	3'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	4' 5'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/24/2022	6'	ND	ND	ND	ND	ND	ND	ND
	10/3/2022	1'	ND	ND	ND	ND	ND	ND	30.4
	10/3/2022	2' 3'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	28.4 ND
S-5	10/24/2022	4'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	5' 6'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/3/2022	1'	ND	ND	ND	ND	ND	ND	30.9
	10/3/2022 10/24/2022	2' 3'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	34.9 ND
S-6	10/24/2022	4'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	5'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	6' 1'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 33.2
	10/3/2022	2'	ND	ND	ND	ND	ND	ND	34.6
S-7	10/24/2022	3' 4'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 23.6
	10/24/2022	5'	ND	ND	ND	ND	ND	ND	24
	10/24/2022	6' 1'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 31.5
S-8	10/3/2022	2'	ND	ND	ND	ND	ND	ND	30.6
	10/24/2022	3' 4'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/24/2022	5'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	6' 1'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 37.6
	10/3/2022	2'	ND	ND	ND	ND	ND	ND	27.2
S-9	10/24/2022	3' 4'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/24/2022	5'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	6' 1'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 21.9
	10/3/2022	2'	ND	ND	ND	ND	ND	ND	28.8
S-10	10/24/2022	3'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	4' 5'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/24/2022	6'	ND	ND	ND	ND	ND	ND	ND
	10/3/2022	1' 2'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	36.8 22.8
S-11	10/3/2022	3'	ND	ND ND	ND	ND	ND	ND	22.8 ND
3-11	10/24/2022	4'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	5' 6'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/3/2022	1'	ND	ND	ND	ND	ND	ND	31.7
	10/3/2022	2' 3'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	33.8 ND
S-12	10/24/2022	4'	ND	ND ND	ND	ND	ND	ND	ND
	10/24/2022	5'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	6' 1'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND 36.9
	10/3/2022	2'	ND	ND	ND	ND	ND	ND	31.4
S-13	10/24/2022	3' 4'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	5'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	10/24/2022	6'	ND	ND	ND	ND	ND	ND	ND
	10/3/2022	1' 2'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	32 30.7
	10/3/2022	3'	ND	ND ND	ND	ND	ND	ND	ND
S-14	10/24/2022	4'	ND	ND	ND	ND	ND	ND	ND
	10/24/2022	5' 6'	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	1 20/24/2022		140	IND	IND	IND	IND	I ND	140

10-3-22 Soil Sample Results

10-5-22 3011 Sample Results									
	10/3/2022	1'	ND	ND	ND	ND	ND	ND	29.9
	10/3/2022	2'	ND	ND	ND	ND	ND	ND	25.3
S-15	10/24/2022	3'	ND						
3-13	10/24/2022	4'	ND	ND	ND	ND	ND	ND	26.7
	10/24/2022	5'	ND						
	10/24/2022	6'	ND						
SW 1	10/3/2022	1'	ND	ND	ND	ND	ND	ND	16
SW 2	10/3/2022	1'	ND	ND	ND	ND	ND	ND	80
SW 3	10/3/2022	1'	ND	ND	ND	ND	ND	ND	32
SW 4	10/3/2022	1'	ND						
SW 5	10/3/2022	1'	ND	ND	ND	ND	ND	ND	35.9
SW 6	10/3/2022	1'	ND						
SW 7	10/3/2022	1'	ND						
SW 8	10/3/2022	1'	ND						
SW 9	10/3/2022	1'	ND						
SW 10	10/3/2022	1'	ND						
SW 11	10/3/2022	1'	ND						
SW 12	10/3/2022	1'	ND						
SW 13	10/3/2022	1'	ND						
SW 14	10/3/2022	1'	ND						
SW 15	10/3/2022	21	ND						

ND- Analyte Not Detected

Based on the soil sample results, the contamination levels are already less than the regulatory limits of the most stringent criteria in Table 1 of NMAC 19.15.29.12.

Complete laboratory reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NCE2002743791 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

Gio Gomez

Gio Gomez

Project Manager

Pima Environmental Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map

Appendices:

Appendix A – Referenced Water Surveys

Appendix B - Soil Survey and Geological Data

Appendix C – C-141 Form and 48-Hour Notification

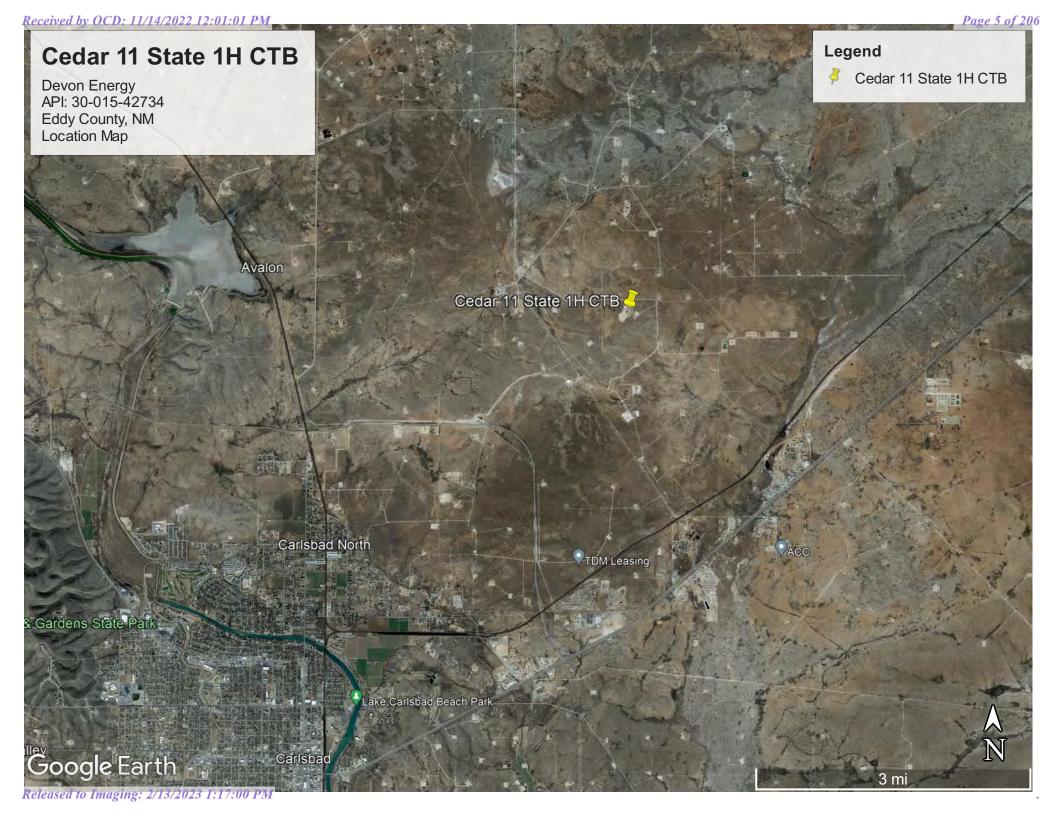
Appendix D - Photographic Documentation

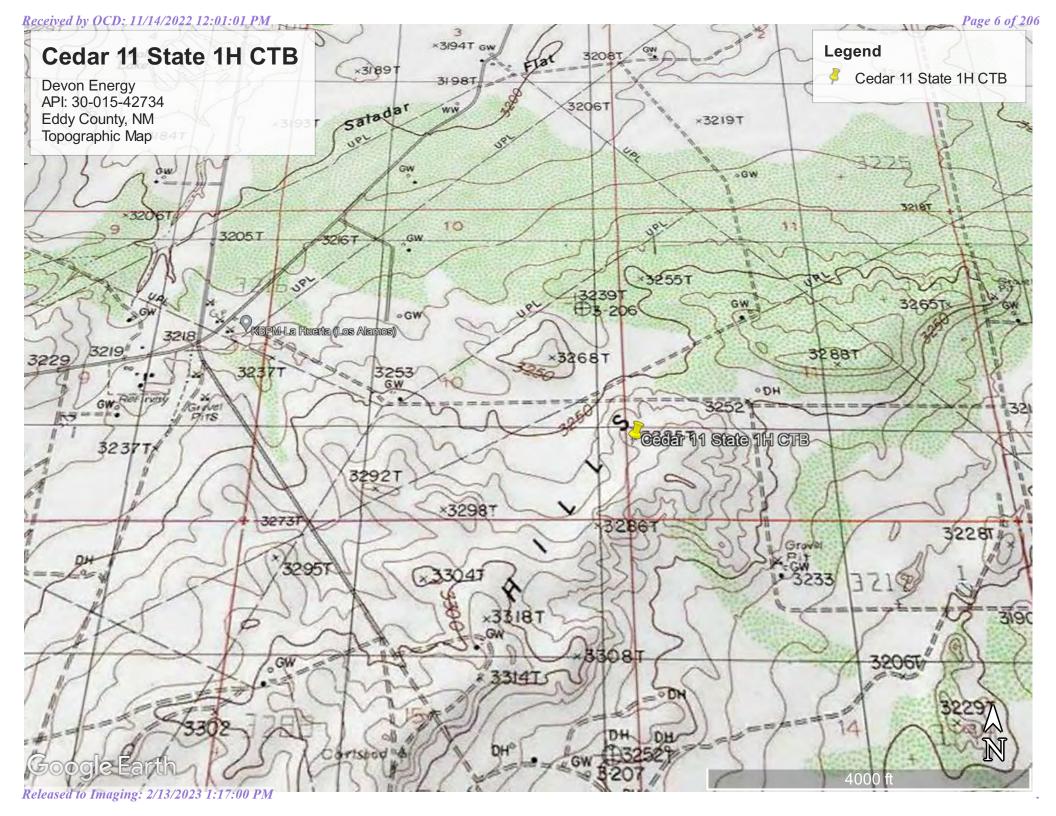
Appendix E - Laboratory Reports

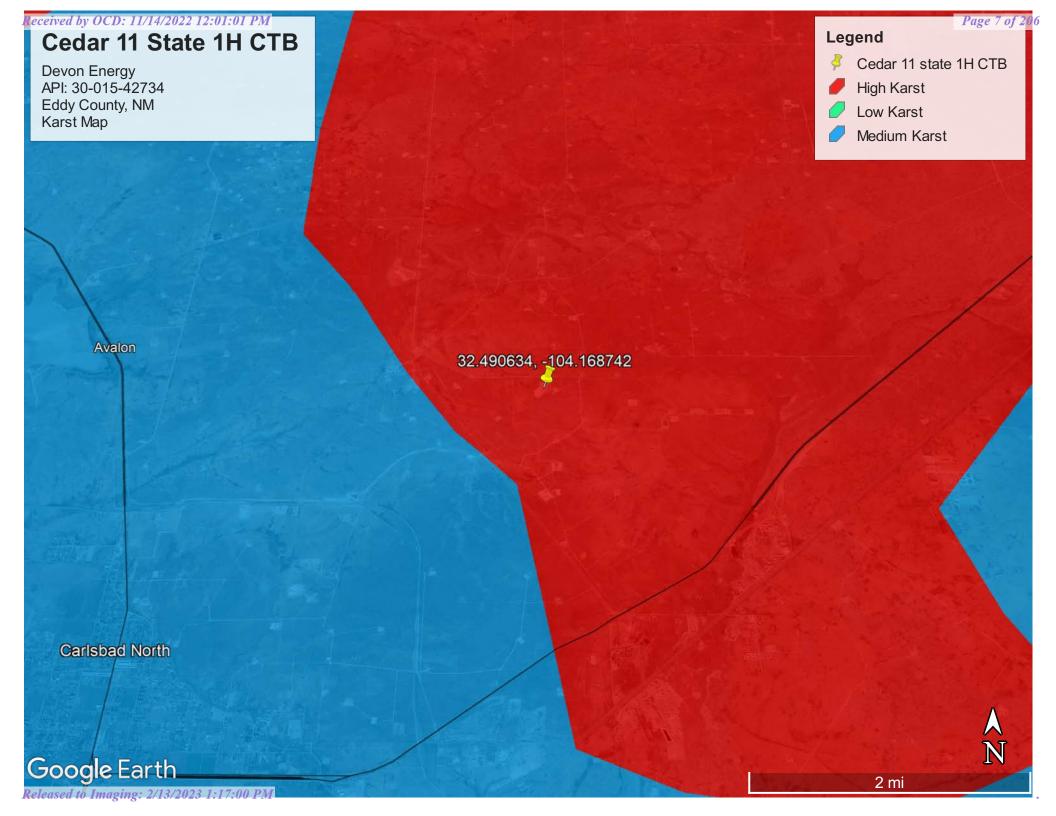


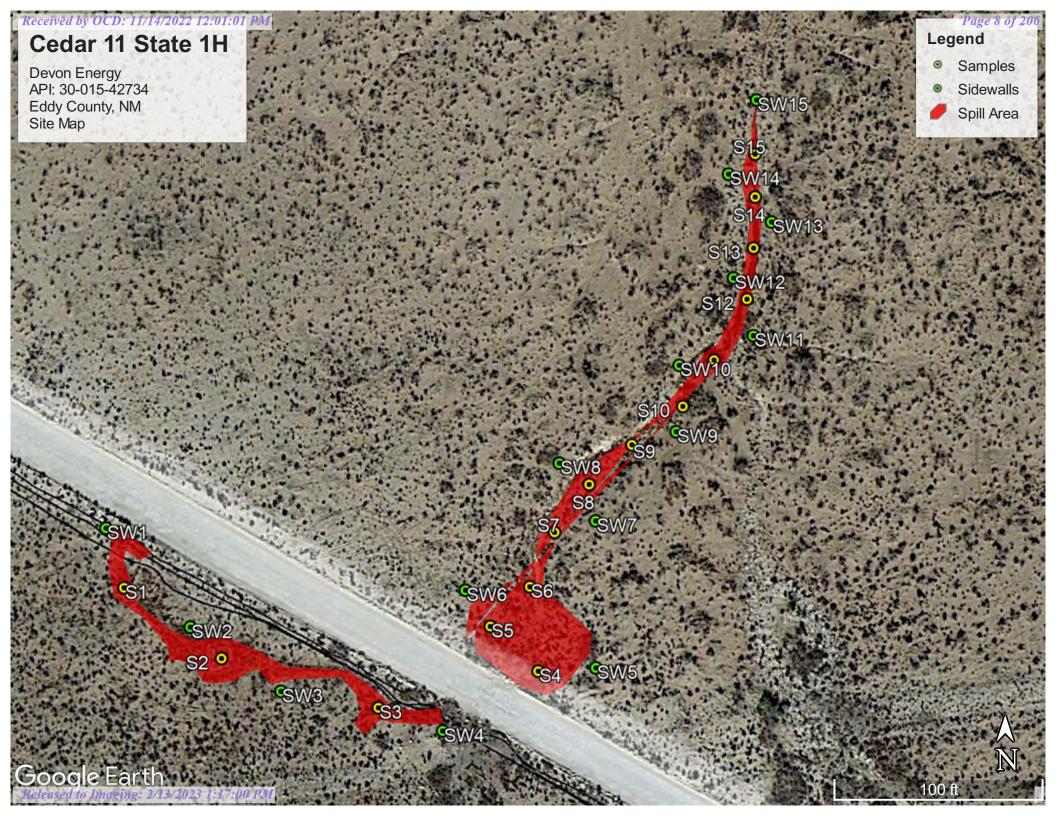
Figures:

- 1-Location Map
 - 2-Topograhic Map
 - 3-Karst Map
 - 4-Site Map











Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

		POD													
		Sub-		Q	Q	Q									Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	\mathbf{Y}	DistanceDe	pthWellDep	thWater (Column
<u>C 01339</u>		CUB	ED		1	4	09	21S	27E	575842	3595353*	771	425	120	305
C 03690 POD1		C	ED	4	1	4	10	21S	27E	577482	3595179	985	200		
<u>C 01142</u>		C	ED	3	1	4	03	21S	27E	577358	3596873*	1511	100		
<u>C 01330</u>		C	ED	3	3	3	09	21S	27E	574941	3594849*	1793	92	80	12
<u>C 02907</u>		C	ED	3	2	1	03	21S	27E	576959	3597669*	2126	52	14	38
<u>C 00466</u>	C	CUB	ED	3	3	1	14	21S	27E	578173	3594066*	2194	538		
<u>C 00465</u>	C	CUB	ED	3	2	1	14	21S	27E	578576	3594475*	2279			
<u>C 02482</u>		C	ED		3	4	08	21S	27E	574236	3594942*	2428	287	185	102
<u>C 00370</u>	C	CUB	ED		4	4	15	21S	27E	577874	3593350*	2574			
<u>C 01333</u>		C	ED	1	1	4	05	21S	27E	574128	3597045*	2858	400	350	50
<u>C 00473</u>	C	CUB	ED		3	2	14	21S	27E	579087	3594177*	2870	562		
<u>C 00469</u>	C	CUB	ED		1	4	02	21S	27E	579078	3596994*	2871	767		
C 03958 POD1		C	ED	4	2	1	17	21S	27E	573852	3594378	2980	126	95	31

Average Depth to Water: 140 feet

Minimum Depth:

Maximum Depth: 350 feet

14 feet

Record Count: 13

UTMNAD83 Radius Search (in meters):

Easting (X): 576580.6 **Northing (Y):** 3595576.211 **Radius:** 3000

*UTM location was derived from PLSS - see Help

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

6/9/20 8:28 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:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the Water Data For The Nation Blog for full details, including how to navigate back to the legacy Current Condition page, if desired.
- 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 =

• 324746104025001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

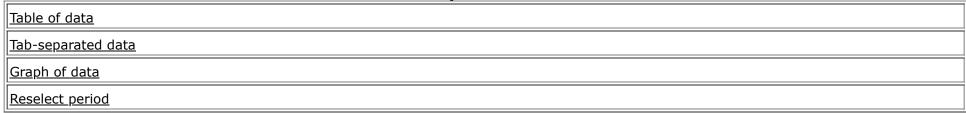
USGS 324746104025001 17S.29E.35.121443

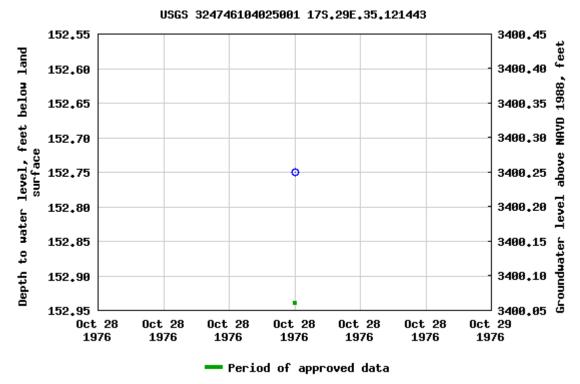
Available data for this site Groundwater: Field measurements
GO

Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°47'46", Longitude 104°02'50" NAD27 Land-surface elevation 3,553 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats





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

<u>Data Tips</u>
<u>Explanation of terms</u>
<u>Subscribe for system changes</u>
<u>News</u>

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

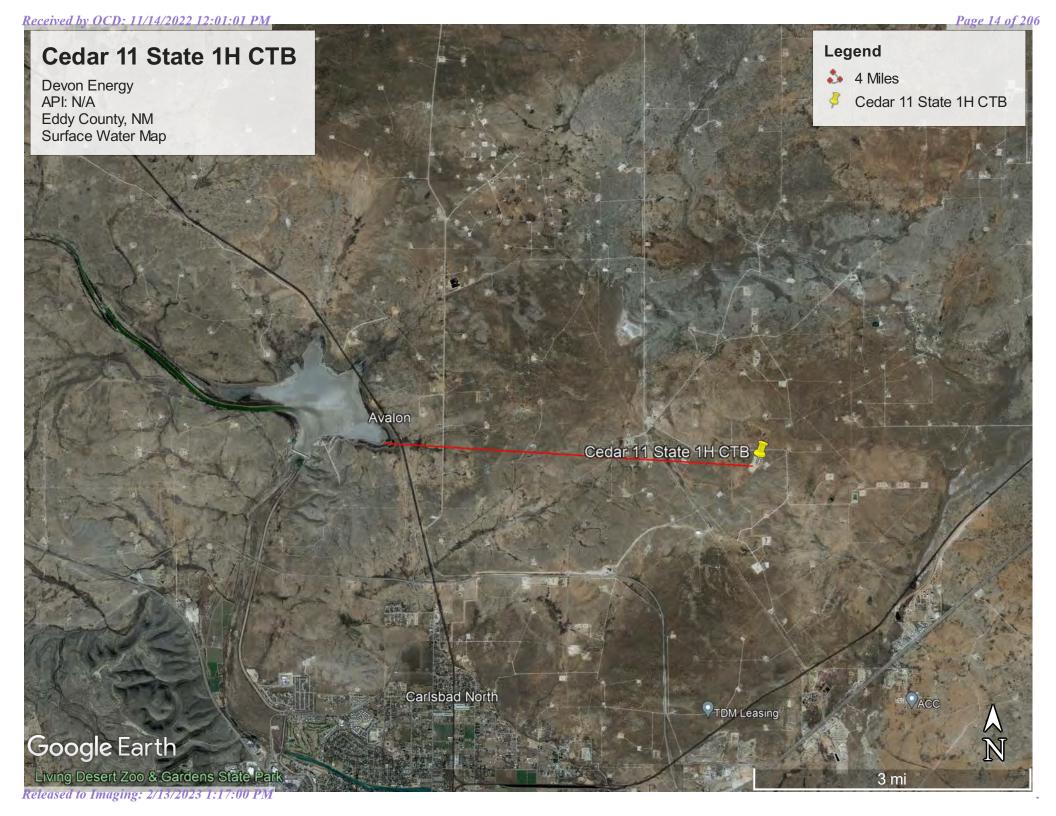
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2022-10-24 14:56:20 EDT

0.57 0.5 nadww02







Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Eddy Area, New Mexico

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x Elevation: 1,800 to 5,000 feet

Mean annual precipitation: 8 to 24 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent Bippus and similar soils: 30 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

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

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam

H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Natural drainage class: Well drained

Runoff class: Very high

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

low to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum in profile: 15 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0

to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 1.0

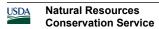
Available water storage in profile: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D



Ecological site: Shallow Sandy (R042XC002NM)

Hydric soil rating: No

Description of Bippus

Setting

Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Very 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: Occasional Frequency of ponding: None

Calcium carbonate, maximum in profile: 40 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0

to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 1.0

Available water storage in profile: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

Ecological site: Bottomland (R042XC017NM)

Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent

Ecological site: Shallow Sandy (R042XC002NM)

Hydric soil rating: No

Bippus

Percent of map unit: 7 percent

Ecological site: Bottomland (R042XC017NM)

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Data Source Information

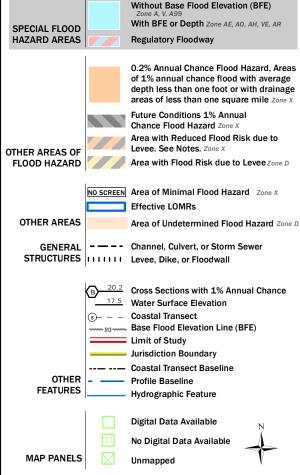
Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 15, Sep 15, 2019

Received by OCD: 11/14/2022 12:01:01 PM National Flood Hazard Layer FIRMette



Legend

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

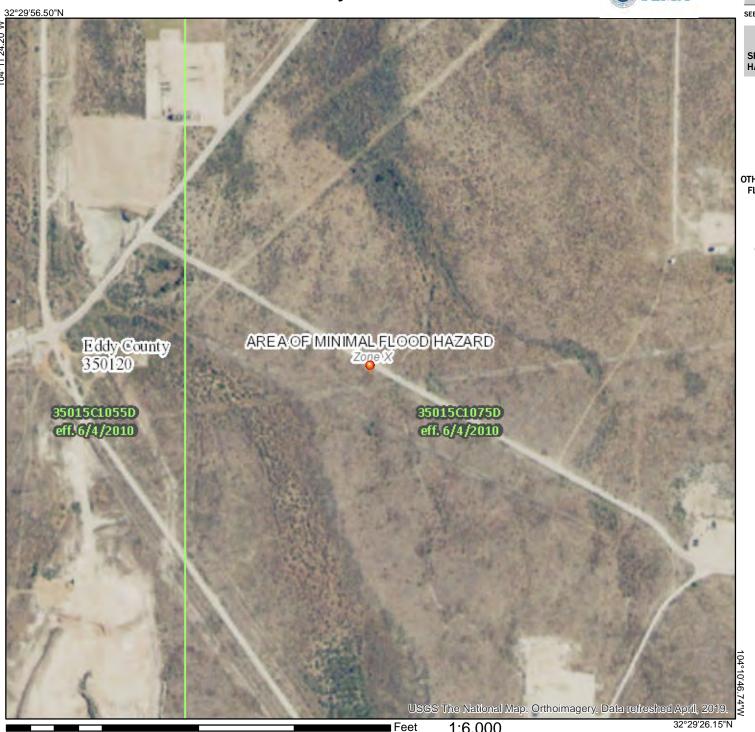


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

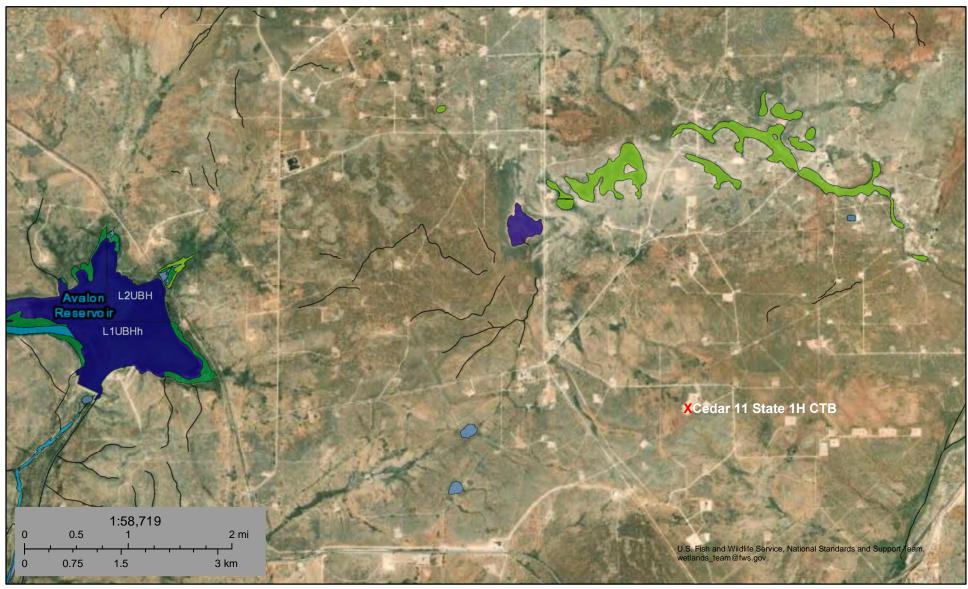
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/9/2020 at 11:41:14 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Wetlands Map



November 10, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

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



Appendix C

C-141 Form

48-Hour Notification

<u>District I</u> 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 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	
District RP	
Facility ID	
Application ID	

I6HYY-191126-C-1410

Release Notification

Responsible Party

Responsible Party					OGRID			
Contact Nam	ie			Contact Te	Contact Telephone			
Contact emai	il			Incident #	(assigned by OCD	9)		
Contact mail	ing address			-				
			Location	of Release So	ource			
Latitude				Longitude _				
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)			
Site Name				Site Type				
Date Release	Discovered			API# (if app	olicable)			
Unit Letter	Section	Township	Range	Coun	nty			
Surface Owner	Ctata	□ Fadaral □ Tr	ribal	Namas		,		
Surface Owner	r. State		ribai 🔛 Private (r	vame:)		
			Nature and	l Volume of l	Release			
	Material	(s) Released (Select al	ll that annly and attach	calculations or specific	justification for th	ne volumes provided below)		
Crude Oil		Volume Release		carculations of specific	Volume Recovered (bbls)			
Produced	Water	Volume Release	ed (bbls)		Volume Recovered (bbls)			
		Is the concentrat	tion of total dissolv	ved solids (TDS)	Yes No			
			$\frac{\text{water} > 10,000 \text{ mg}}{1.0111}$	/1?	, , , , , , , , , , , , , , , , , , ,			
Condensa		Volume Release			Volume Recovered (bbls)			
Natural G		Volume Release	, ,		Volume Recovered (Mcf)			
Other (de	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weight Recovered (provide units)			
Cause of Rele	ease							

Received by OCD: 11/14/2022 12:01:01 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respon	nsible party consider this a major release?					
19.15.29.7(A) NMAC?							
☐ Yes ☐ No							
If VEC was immediate a	ation aircon to the OCD? Dr. whom? To wi	nom? When and by what means (phone, email, etc)?					
II 1ES, was immediate no	ouce given to the OCD? By whom? To wi	ion: when and by what means (phone, eman, etc):					
	Initial R	esponse					
The responsible p	party must undertake the following actions immediated	y unless they could create a safety hazard that would result in injury					
☐ The source of the rele	ease has been stopped.						
☐ The impacted area ha	s been secured to protect human health and	the environment.					
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.					
	ecoverable materials have been removed an						
If all the actions described	d above have <u>not</u> been undertaken, explain	why:					
D 1015200D (4) NIM	[A C d	The Company of the Co					
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.					
regulations all operators are public health or the environment	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						
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws					
Signature: Kendra	DeHoyos	Date:					
email:		Telephone:					
OCD Only							
Received by:		Date:					
•							

te of New Mexico

Incident ID	NCE2002743791
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?	(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 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 No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No			
Are the lateral extents of the release within 300 feet of a wetland?	Yes No			
Are the lateral extents of the release overlying a subsurface mine?	Yes No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes 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 X 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.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	s.			

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.

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Incident ID	NCE2002743791
District RP	
Facility ID	
Application ID	

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: <u>Dale Woodall</u>	Title: EHS Professional
Signature: Dale Woodall	Date:11/14/2022
email:dale.woodall@dvn.com	Telephone: <u>575-748-1838</u>
OCD Only	
Received by:	Date:

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Incident ID	NCE2002743791
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.

Closure Report Attachment Checklist: Each of the follow	ving items must be includ	ed in the closure report.
A scaled site and sampling diagram as described in 19.15	5.29.11 NMAC	
Note that Photographs of the remediated site prior to backfill or plust be notified 2 days prior to liner inspection)	hotos of the liner integrity	if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropriate	ODC District office mus	t be notified 2 days prior to final sampling)
Description of remediation activities		
I hereby certify that the information given above is true and co and regulations all operators are required to report and/or file of may endanger public health or the environment. The acceptant should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptant compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to	certain release notification ace of a C-141 report by the ad remediate contamination ace of a C-141 report does regulations. The responsible conditions that existed	as and perform corrective actions for releases which the OCD does not relieve the operator of liability on that pose a threat to groundwater, surface water, not relieve the operator of responsibility for the party acknowledges they must substantially prior to the release or their final land use in
Printed Name: Dale Woodall	Title:	EHS Professional
Signature: Dals Woodall	Date: <u>11/14/2</u>	022
email:dale.woodall@dvn.com	Telephone:575-74	8-1838
OCD Only		
Received by: OCD	Date:11/	14/2022
Closure approval by the OCD does not relieve the responsible remediate contamination that poses a threat to groundwater, surparty of compliance with any other federal, state, or local laws	face water, human health	
Closure Approved by:	Date:	2/13/2023
Closure Approved by:	Title:	Environmental Specialist



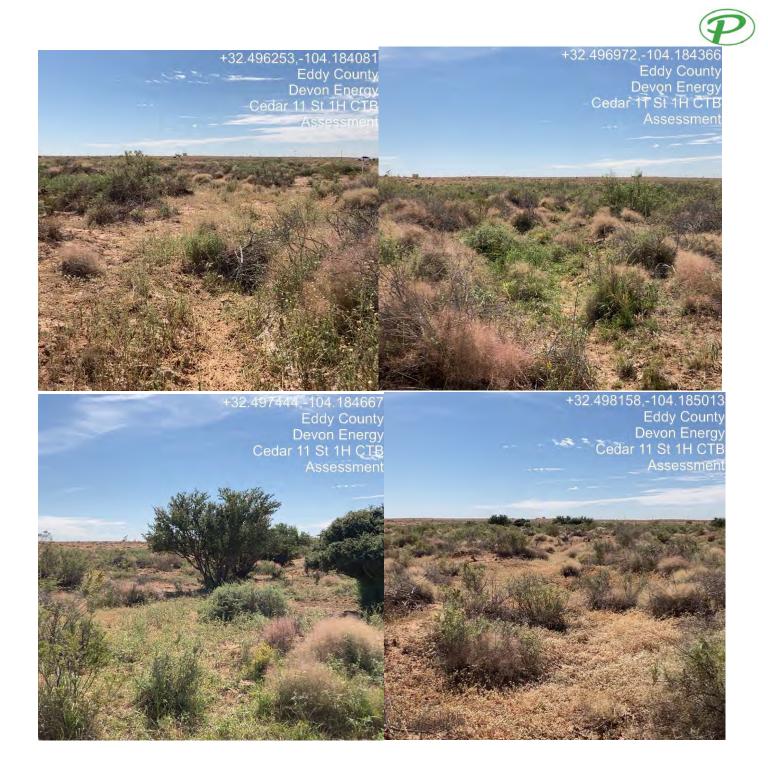
Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY CEDAR 11 STATE 1H CTB



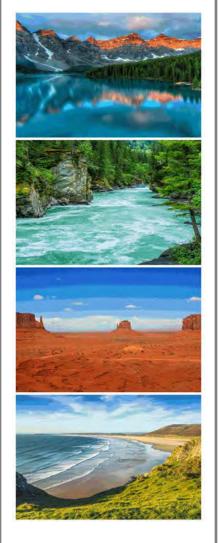




Appendix E

Laboratory Reports

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cedar 11 ST 1H CTB

Work Order: E210018

Job Number: 01058-0007

Received: 10/5/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/11/22

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.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/11/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cedar 11 ST 1H CTB

Workorder: E210018

Date Received: 10/5/2022 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/5/2022 10:30:00AM, under the Project Name: Cedar 11 ST 1H CTB.

The analytical test results summarized in this report with the Project Name: Cedar 11 ST 1H 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

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labadmin@envirotech-inc.com

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Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/22 15:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-1	E210018-01A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-2	E210018-02A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-3	E210018-03A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-4	E210018-04A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-5	E210018-05A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-6	E210018-06A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-7	E210018-07A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-8	E210018-08A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-9	E210018-09A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-10	E210018-10A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-11	E210018-11A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-12	E210018-12A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-13	E210018-13A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-14	E210018-14A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
SW-15	E210018-15A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S1-1'	E210018-16A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S1-2'	E210018-17A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S2-1'	E210018-18A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S2-2'	E210018-19A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S3-1'	E210018-20A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-1

E210018-01

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Benzene	ND	0.0250		1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250		1	10/05/22	10/10/22	
Toluene	ND	0.0250		1	10/05/22	10/10/22	
o-Xylene	ND	0.0250		1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500		1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250		1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		96.7 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		96.7 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	_	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/06/22	10/06/22	
Surrogate: n-Nonane		116 %	50-200		10/06/22	10/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2241088
Chloride	ND	20.0		1	10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-2

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepa	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05	/22 10/10/22	
Ethylbenzene	ND	0.0250	1	10/05	/22 10/10/22	
Toluene	ND	0.0250	1	10/05	/22 10/10/22	
o-Xylene	ND	0.0250	1	10/05	/22 10/10/22	
p,m-Xylene	ND	0.0500	1	10/05	/22 10/10/22	
Total Xylenes	ND	0.0250	1	10/05	/22 10/10/22	
Surrogate: Bromofluorobenzene		95.3 %	70-130	10/05	//22 10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	10/05	//22 10/10/22	
Surrogate: Toluene-d8		96.9 %	70-130	10/05	//22 10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05	/22 10/10/22	
Surrogate: Bromofluorobenzene		95.3 %	70-130	10/05	/22 10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	10/05	//22 10/10/22	
Surrogate: Toluene-d8		96.9 %	70-130	10/05	//22 10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06	/22 10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06	/22 10/06/22	
Surrogate: n-Nonane		116 %	50-200	10/06	10/06/22	
	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2241088
Anions by EPA 300.0/9056A	mg/ng	88				



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-3

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.2 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		97.4 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.2 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		97.4 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/06/22	
Surrogate: n-Nonane	·	118 %	50-200	10/06/22	10/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2241088



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-4

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.3 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		97.2 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.3 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		97.2 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/06/22	
Surrogate: n-Nonane		117 %	50-200	10/06/22	10/06/22	
	_	п		analyst: RAS		Batch: 2241088
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	maryst: KAS		Batch: 2241088



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-5

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Benzene	ND	0.0250	1	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		95.7 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		95.7 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/06/22	10/06/22	
Surrogate: n-Nonane		115 %	50-200		10/06/22	10/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2241088
thions by Elite Cotton / Cocoli							



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

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		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		98.2 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		98.2 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/06/22	
Surrogate: n-Nonane		115 %	50-200	10/06/22	10/06/22	
	_			1 . D.A.C.		D . 1 2241000
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2241088



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Benzene	ND	0.0250	1	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	l	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		94.7 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		97.4 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		94.7 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		97.4 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/06/22	10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/06/22	10/06/22	
Surrogate: n-Nonane		113 %	50-200		10/06/22	10/06/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2241088
imons by Elite Colors Court							



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05/2	22 10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/2	22 10/10/22	
Toluene	ND	0.0250	1	10/05/2	22 10/10/22	
o-Xylene	ND	0.0250	1	10/05/2	22 10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/2	22 10/10/22	
Total Xylenes	ND	0.0250	1	10/05/2	22 10/10/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130	10/05/2	22 10/10/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/05/2	22 10/10/22	
Surrogate: Toluene-d8		99.9 %	70-130	10/05/2	22 10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/2	22 10/10/22	
Surrogate: Bromofluorobenzene		95.4 %	70-130	10/05/2	22 10/10/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/05/2	22 10/10/22	
Surrogate: Toluene-d8		99.9 %	70-130	10/05/2	22 10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/2	22 10/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/2	22 10/06/22	
Surrogate: n-Nonane		119 %	50-200	10/06/2	22 10/06/22	
	_	п		Analyst: RAS		Batch: 2241088
Anions by EPA 300.0/9056A	mg/kg	mg/kg	F	Anaiyst: KAS		Batch: 2241088



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

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		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.3 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		96.6 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.3 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		96.6 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		119 %	50-200	10/06/22	10/07/22	
		/1	Λ.	analyst: RAS		Batch: 2241088
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	maryst. KAS		Datcii: 2241000



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

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		E210018-10				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.0 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		94.9 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.0 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		94.9 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		116 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2241088
Chloride	ND	20.0	1	10/06/22	10/10/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-11

		E210018-11					
		Reporting					
Analyte	Result	Limit	Dilu	tion Pr	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2241073
Benzene	ND	0.0250	1	10	0/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10	0/05/22	10/10/22	
Toluene	ND	0.0250	1	10	0/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10	0/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10	0/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10	0/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.2 %	70-130	10	0/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10	0/05/22	10/10/22	
Surrogate: Toluene-d8		96.8 %	70-130	10	0/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10	0/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.2 %	70-130	10	0/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10	0/05/22	10/10/22	
Surrogate: Toluene-d8		96.8 %	70-130	10	0/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10	0/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10	0/06/22	10/07/22	
Surrogate: n-Nonane		116 %	50-200	10	0/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS			Batch: 2241088
Chloride	ND	20.0	1	10	0/06/22	10/10/22	· · · · · · · · · · · · · · · · · · ·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-12

E210018-12								
		Reporting						
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073	
Benzene	ND	0.0250		1	10/05/22	10/10/22		
Ethylbenzene	ND	0.0250		1	10/05/22	10/10/22		
Toluene	ND	0.0250		1	10/05/22	10/10/22		
o-Xylene	ND	0.0250		1	10/05/22	10/10/22		
p,m-Xylene	ND	0.0500		1	10/05/22	10/10/22		
Total Xylenes	ND	0.0250		1	10/05/22	10/10/22		
Surrogate: Bromofluorobenzene		92.9 %	70-130		10/05/22	10/10/22		
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		10/05/22	10/10/22		
Surrogate: Toluene-d8		97.7 %	70-130		10/05/22	10/10/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073	
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/05/22	10/10/22		
Surrogate: Bromofluorobenzene		92.9 %	70-130		10/05/22	10/10/22		
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		10/05/22	10/10/22		
Surrogate: Toluene-d8		97.7 %	70-130		10/05/22	10/10/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241081	
Diesel Range Organics (C10-C28)	ND	25.0		1	10/06/22	10/07/22		
Oil Range Organics (C28-C36)	ND	50.0		1	10/06/22	10/07/22		
Surrogate: n-Nonane		117 %	50-200		10/06/22	10/07/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2241088	

20.0

10/06/22

10/10/22

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-13

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2241073
Benzene	ND	0.0250	1		10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1		10/05/22	10/10/22	
Toluene	ND	0.0250	1	Į.	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	Į.	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	Į.	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1		10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		98.2 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		98.2 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1		10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/06/22	10/07/22	
Surrogate: n-Nonane		116 %	50-200		10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2241088
imons by Eliteution oction							



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-14

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Benzene	ND	0.0250	1	[10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	l	10/05/22	10/10/22	
Toluene	ND	0.0250	1	l	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	l	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	l	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	l	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.6 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		98.6 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		95.6 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		98.6 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/06/22	10/07/22	
Surrogate: n-Nonane		119 %	50-200		10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2241088
Amons by ETA 500.0/7050A							



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

SW-15 E210018-15

		2210010 10				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2241073
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		97.0 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/05/22	10/10/22	
Surrogate: Toluene-d8		97.0 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		118 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2241088
Chloride	ND	20.0	1	10/06/22	10/10/22	
Chloride	ND	20.0	1	10/06/22	10/10/22	



Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum10/11/2022 3:22:18PM

S1-1'

	Reporting					
Result	Limit	Di	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
ND	0.0250		1	10/05/22	10/10/22	
ND	0.0250		1	10/05/22	10/10/22	
ND	0.0250		1	10/05/22	10/10/22	
ND	0.0250		1	10/05/22	10/10/22	
ND	0.0500		1	10/05/22	10/10/22	
ND	0.0250		1	10/05/22	10/10/22	
	95.8 %	70-130		10/05/22	10/10/22	
	99.1 %	70-130		10/05/22	10/10/22	
	98.4 %	70-130		10/05/22	10/10/22	
mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
ND	20.0		1	10/05/22	10/10/22	
	95.8 %	70-130		10/05/22	10/10/22	
	99.1 %	70-130		10/05/22	10/10/22	
	98.4 %	70-130		10/05/22	10/10/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2241081
ND	25.0		1	10/06/22	10/07/22	
ND	50.0		1	10/06/22	10/07/22	
	117 %	50-200		10/06/22	10/07/22	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2241088
40.3	20.0		1	10/06/22	10/10/22	
40.3	20.0		1	10/00/22	10/10/22	
	mg/kg ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 95.8 % 99.1 % 98.4 % 98.4 % mg/kg mg/kg ND 20.0 95.8 % 99.1 % 98.4 % 98.4 % mg/kg mg/kg ND 25.0 ND 50.0 117 % mg/kg mg/kg mg/kg	Result Limit Di mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 95.8 % 70-130 99.1 % 70-130 98.4 % 70-130 99.1 % 70-130 99.1 % 70-130 98.4 % 70-130 98.4 % 70-130 98.4 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 117 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 90.0250 1 1 99.1 % 70-130 70-130 99.1 % 70-130 70-130 99.1 % 70-130 70-130 99.1 % 70-130 70-130 98.4 % 70-130 70-130 98.4 % 70-130 70-130 1 1 1 1 1 1 1 1 1 1 50.0 1 117 % 50-200 mg/kg Mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0500 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 99.1 % 70-130 10/05/22 99.1 % 70-130 10/05/22 98.4 % 70-130 10/05/22 99.1 % 70-130 10/05/22 99.1 % 70-130 10/05/22 98.4 % 70-130 10/05/22 98.4 % 70-130 10/05/22 98.4 % 70-130 10/05/22 Mg/kg Mg/kg Analyst: JL ND 25.0 1 10/06/22 ND 50.0 1 10/06/22 Mg/kg	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY I 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 ND 0.0500 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 99.1 % 70-130 10/05/22 10/10/22 99.1 % 70-130 10/05/22 10/10/22 mg/kg mg/kg Analyst: IY 10/10/22 99.1 % 70-130 10/05/22 10/10/22 99.1 % 70-130 10/05/22 10/10/22 99.1 % 70-130 10/05/22 10/10/22 98.4 % 70-130 10/05/22 10/10/



Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum10/11/2022 3:22:18PM

S1-2'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2241073
Benzene	ND	0.0250	1		10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1		10/05/22	10/10/22	
Toluene	ND	0.0250	1	Į.	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	Į.	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	Į.	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1		10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.2 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		94.6 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: 1	IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		93.2 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		94.6 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1		10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1		10/06/22	10/07/22	
Surrogate: n-Nonane		116 %	50-200		10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2241088
Allous by EFA 500.0/9050A							



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

S2-1'

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2241073
Benzene	ND	0.0250		1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250		1	10/05/22	10/10/22	
Toluene	ND	0.0250		1	10/05/22	10/10/22	
o-Xylene	ND	0.0250		1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500		1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250		1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		91.7 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		94.9 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/05/22	10/10/22	
Surrogate: Bromofluorobenzene		91.7 %	70-130		10/05/22	10/10/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		10/05/22	10/10/22	
Surrogate: Toluene-d8		94.9 %	70-130		10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0		1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/06/22	10/07/22	
Surrogate: n-Nonane		118 %	50-200		10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2241088
	ND	20.0		1	10/06/22	10/10/22	

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

S2-2'

		E210018-19					
		Reporting					
Analyte	Result	Limit	Dilu	ition Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2241073
Benzene	ND	0.0250	1	10/	05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/	05/22	10/11/22	
Toluene	ND	0.0250	1	10/	05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/	05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/	05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/	05/22	10/11/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	10/	05/22	10/11/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/	05/22	10/11/22	
Surrogate: Toluene-d8		97.2 %	70-130	10/	05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0	1	1 10/	05/22	10/11/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	10/	05/22	10/11/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/	05/22	10/11/22	
Surrogate: Toluene-d8		97.2 %	70-130	10/	05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0	1	1 10/	06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/	06/22	10/07/22	
Surrogate: n-Nonane		118 %	50-200	10/	/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS			Batch: 2241088
		•					

20.0

10/06/22

10/10/22

37.2

Chloride

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 3:22:18PM

S3-1'

		E210018-20					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Benzene	ND	0.0250		1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250		1	10/05/22	10/11/22	
Toluene	ND	0.0250		1	10/05/22	10/11/22	
o-Xylene	ND	0.0250		1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500		1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	:	1	10/05/22	10/11/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		10/05/22	10/11/22	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		10/05/22	10/11/22	
Surrogate: Toluene-d8		99.1 %	70-130		10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2241073
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/05/22	10/11/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		10/05/22	10/11/22	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		10/05/22	10/11/22	
Surrogate: Toluene-d8		99.1 %	70-130		10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2241081
Diesel Range Organics (C10-C28)	ND	25.0		1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0		1	10/06/22	10/07/22	
Surrogate: n-Nonane		119 %	50-200		10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2241088
Chloride	25.9	20.0		1	10/06/22	10/10/22	



Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/11/2022 3:22:18PM

PO Box 247 Plains TX, 79355-0247		Project Number Project Manage		om Bynum				10/	11/2022 3:22:18PN
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241073-BLK1)							Prepared: 10	0/05/22 Anal	yzed: 10/10/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			
LCS (2241073-BS1)							Prepared: 10)/05/22 Anal	yzed: 10/10/22
Benzene	1.95	0.0250	2.50		78.1	70-130			
Ethylbenzene	1.86	0.0250	2.50		74.4	70-130			
Toluene	1.87	0.0250	2.50		74.6	70-130			
o-Xylene	1.89	0.0250	2.50		75.5	70-130			
p,m-Xylene	3.68	0.0500	5.00		73.7	70-130			
Total Xylenes	5.57	0.0250	7.50		74.3	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			
LCS Dup (2241073-BSD1)							Prepared: 10)/05/22 Anal	yzed: 10/10/22
Benzene	1.99	0.0250	2.50		79.6	70-130	1.98	23	
Ethylbenzene	1.86	0.0250	2.50		74.4	70-130	0.0269	27	
Toluene	1.86	0.0250	2.50		74.3	70-130	0.403	24	
o-Xylene	1.87	0.0250	2.50		74.8	70-130	0.931	27	
p,m-Xylene	3.68	0.0500	5.00		73.7	70-130	0.0136	27	
Total Xylenes	5.55	0.0250	7.50		74.1	70-130	0.324	27	
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			

0.500

94.7

70-130

0.474



Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/11/20223:22:18PM

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 (2241073-BLK1)						Prepared: 10	0/05/22 Ana	lyzed: 10/10/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.475		0.500	94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500	99.1	70-130			
Surrogate: Toluene-d8	0.485		0.500	96.9	70-130			
LCS (2241073-BS2)						Prepared: 10)/05/22 Ana	lyzed: 10/10/22
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	84.3	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500	97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500	100	70-130			
Surrogate: Toluene-d8	0.480		0.500	95.9	70-130			
LCS Dup (2241073-BSD2)						Prepared: 10)/05/22 Ana	lyzed: 10/10/22
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	88.1	70-130	4.38	20	
Surrogate: Bromofluorobenzene	0.486		0.500	97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500	100	70-130			
Surrogate: Toluene-d8	0.484		0.500	96.8	70-130			



Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/11/20223:22:18PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				1	0/11/2022 3:22:18PM
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241081-BLK1)							Prepared: 1	0/06/22 Ar	nalyzed: 10/06/22
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.8		50.0		116	50-200			
.CS (2241081-BS1)							Prepared: 1	0/06/22 Ar	nalyzed: 10/06/22
riesel Range Organics (C10-C28)	246	25.0	250		98.4	38-132			
urrogate: n-Nonane	58.4		50.0		117	50-200			
Matrix Spike (2241081-MS1)				Source:	Source: E210018-13		Prepared: 1	0/06/22 Ar	nalyzed: 10/06/22
riesel Range Organics (C10-C28)	240	25.0	250	ND	96.0	38-132			
urrogate: n-Nonane	57.5		50.0		115	50-200			
Matrix Spike Dup (2241081-MSD1)				Source:	E210018-	13	Prepared: 1	0/06/22 Ar	nalyzed: 10/06/22
tiesel Range Organics (C10-C28)	242	25.0	250	ND	96.8	38-132	0.802	20	
urrogate: n-Nonane	58.6		50.0		117	50-200			



Pima Environmental Services-Carlsbad		Project Name:	C	edar 11 ST 1H	І СТВ				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	: Т	om Bynum					10/11/2022 3:22:18PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241088-BLK1)							Prepared:	10/06/22 A	nalyzed: 10/10/22
Chloride	ND	20.0							
LCS (2241088-BS1)							Prepared:	10/06/22 A	nalyzed: 10/10/22
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2241088-MS1)				Source: E210018-01 Prepared:		10/06/22 A	nalyzed: 10/10/22		
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2241088-MSD1)				Source:	E210018-	01	Prepared:	10/06/22 A	nalyzed: 10/10/22
Chloride	263	20.0	250	ND	105	80-120	0.283	20	

QC Summary Report Comment:

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



Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
ı	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/22 15:22

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.



8:05

State

Remarks

NM CO UT AZ TX

Received by OCD: 11/14/2022 12:01:01 PM

8./>	1 2W-4		1					
8:20	Sw-5		5					
8:25	SW-6		4					
8:30	Sw-7		7					
8:35	Sw-8		8					
8:40	Sw-9		9					
8:45	SW-10		10					
Additional Instructions:	Bill To Dave	1 Eureav: Z	083632	27				
	lity and authenticity of this sample. I am aware the ered fraud and may be grounds for legal action.	nat tampering with or intentionally mislabel			Samples requiring therma packed in ice at an avg ten		received on ice the day they are sam n 6 °C on subsequent days.	pled or received
Relinquished by: (Signature)	Date Time 7:30	Received by: (signature)	10-4-2	Time 3:00	Received on ice:	Lab Use C	Only	
Relinquished by: (Signarure)	Date 10-4-2 Time 1.15	Regelved by (Signature)	Date 10/5/22	Time	T1	T2	13	
Relinquished by: (Signature)	Date Time	Received by: (Signature)	Date	Time	AVG Temp °C	1		
Sample Matrix: 6 - Soil Sd - Solid,	g - Sludge, A - Aqueous, O - Other		Container Type		oly/plastic, ag - am		A	
Note: Samples are discarded 3	O days after results are reported unless othe lose samples received by the laboratory with					ient expense. Th	e report for the analysis of th	ie above

TAT

1D 2D

Z

BGDOC

×

3D Standard

Project Information

Client: Pima Environmental Services

Address: 5614 N. Lovington Hwy.

City, State, Zip Hobbs, NM, 88240

Phone: 580-748-1613

Report due by:

Time

Sampled

8:50

8:55

9:00

9:05

9:10

9:15

9:20

9:25

9:30

Email: tom@pimaoil.com

Sampled

Project: Cedar II ST 1H CTB
Project Manager: Tom Bynum

Matrix

No. of

Sample ID

SW-1

Sw-12

Received by OCD: 11/14/2022 12:01:01 PM

Bill To Attention: Devon Energy

Address:

Phone:

Email:

City, State, Zip

Pima Project #

Lab Use Only

Lab WO# E 210018

BTEX by 8021 VOC by 8260 Metals 6010

DRO/ORO by 8015 GRO/DRO by 8015

Lab

Number

13

15

16

18

Job Number 0/058-0007

Chloride 300.0

Analysis and Method

X	State NM CO UT AZ TX
State NM CO UT AZ TX	State NM CO UT AZ TX
NM CO UT AZ TX	NM CO UT AZ TX
X	X
Remarks	Remarks
Remarks	Remarks

9:35	1 33	-1'		20					
	Bill To	Devon	Enepay: 2083			10 11 11 11	I	a received on ice the day	they are sampled or received
I, (field sampler), attest to the validity at date or time of collection is considered			that tampering with or intentionally mislab	pelling the sample loca RogerS	ition,	packed in ice at an avg te	mp above 0 but less th	nan 6 °C on subsequent da	ays.
Relinquished by: (Signature)	Date 18 - 64 - 22	Time	Received by: (Signature)	10-40	Time 2:00	Received on ice	Lab Use	Only	
Remodished by: (Signature)	Date 1040	Time 15	Received by Signature Late	10/5/2Z	10:30	T1	<u>T2</u>	<u></u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C_	4		
Sample Matrix S - Soil Sd - Solid, Sg - S	ludge, A - Aqueous, O	- Other		Container Ty	pe: g-glass p-	poly/plastic, ag - an	ber glass, v - Vo	DA	ahais of the above
Note: Samples are discarded 30 da samples is applicable only to those	ys after results are samples received b	reported unless ot y the laboratory w	ther arrangements are made. Hazardo vith this COC. The liability of the labora	ous samples will be in story is limited to the	returned to client e amount paid for	or disposed of at the o on the report.	dient expense. 1	ne report for the an	alysis of the above

@ envirotech

1D 2D

N

×

envirotech Inc.

Printed: 10/5/2022 11:03:27AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

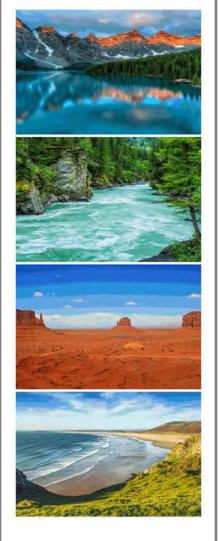
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

F	Pima Environmental Services-Carlsbad	Date Received:	10/05/22	10:30	Work Order ID: E210018	
((575) 631-6977	Date Logged In:	10/04/22	17:23	Logged In By: Alexa Michaels	
t	tom@pimaoil.com	Due Date:	10/11/22	17:00 (4 day TAT)		
of C	Custody (COC)					
s the	sample ID match the COC?		Yes			
s the	number of samples per sampling site location ma	atch the COC	Yes			
e san	mples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>JPS</u>	
the (COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
l i	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 disucss	•	Yes	,	Comments/Resolution	
	rn Around Time (TAT)				Due to sample volume Project Code	11
the C	COC indicate standard TAT, or Expedited TAT?		Yes		Due to sample volume, Project Ceda	
e Co					ST 1H CTB has been split into multi	•
	imple cooler received?		Yes		reports/workorders. WO#'s are as fol	llows:
	as cooler received in good condition?		Yes		E210018 & E210019.	
the s	sample(s) received intact, i.e., not broken?		Yes			
ere cu	ustody/security seals present?		No			
es, w	were custody/security seals intact?		NA			
n n	sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling sible ice, record the temperature. Actual sampl	are received w/i 15	Yes C			
	ontainer	<u></u>	_			
	neous VOC samples present?		No			
-	OC samples collected in VOA Vials?		NA			
	ead space less than 6-8 mm (pea sized or less)?		NA			
	rip blank (TB) included for VOC analyses?		NA			
	n-VOC samples collected in the correct containers	e?	Yes			
	propriate volume/weight or number of sample conta		Yes			
Label	• •	inicis concetea.	105			
	eld sample labels filled out with the minimum inf	formation:				
	mple ID?	ionnation.	Yes			
	te/Time Collected?		Yes			
Col	llectors name?		No			
e Pre	<u>eservation</u>					
	ne COC or field labels indicate the samples were p	preserved?	No			
	mple(s) correctly preserved?		NA			
lab fil	ilteration required and/or requested for dissolved	metals?	No			
hase	e Sample Matrix					
es the	ne sample have more than one phase, i.e., multipha	ase?	No			
yes, d	does the COC specify which phase(s) is to be anal	lyzed?	NA			
ntrac	ct Laboratory					
	nples required to get sent to a subcontract laborate	orv?	No			
	subcontract laboratory specified by the client and	-	NA	Subcontract Lab	o: NA	
				Successive Lac		
t inst	<u>truction</u>					

Date

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

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cedar 11 ST 1H CTB

Work Order: E210019

Job Number: 01058-0007

Received: 10/5/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 10/11/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/11/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cedar 11 ST 1H CTB

Workorder: E210019

Date Received: 10/5/2022 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/5/2022 10:30:00AM, under the Project Name: Cedar 11 ST 1H CTB.

The analytical test results summarized in this report with the Project Name: Cedar 11 ST 1H 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

Raina Schwanz

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Alexa Michaels

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labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

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ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/22 16:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S3-2'	E210019-01A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S4-1'	E210019-02A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S4-2'	E210019-03A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S5-1'	E210019-04A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S5-2'	E210019-05A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S6-1'	E210019-06A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S6-2'	E210019-07A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S7-1'	E210019-08A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S7-2'	E210019-09A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S8-1'	E210019-10A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S8-2'	E210019-11A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S9-1'	E210019-12A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S9-2'	E210019-13A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S10-1'	E210019-14A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S10-2'	E210019-15A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S11-1'	E210019-16A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S11-2'	E210019-17A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S12-1'	E210019-18A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S12-2'	E210019-19A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S13-1'	E210019-20A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S13-2'	E210019-21A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S14-1'	E210019-22A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S14-2'	E210019-23A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S15-1'	E210019-24A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.
S15-2'	E210019-25A	Soil	10/03/22	10/05/22	Glass Jar, 4 oz.

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S3-2'

	E210017-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2241074
ND	0.0250	1	10/05/22	10/10/22	
ND	0.0250	1	10/05/22	10/10/22	
ND	0.0250	1	10/05/22	10/10/22	
ND	0.0250	1	10/05/22	10/10/22	
ND	0.0500	1	10/05/22	10/10/22	
ND	0.0250	1	10/05/22	10/10/22	
	103 %	70-130	10/05/22	10/10/22	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2241074
ND	20.0	1	10/05/22	10/10/22	
	96.6 %	70-130	10/05/22	10/10/22	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2241082
ND	25.0	1	10/06/22	10/07/22	
ND	50.0	1	10/06/22	10/07/22	
	116 %	50-200	10/06/22	10/07/22	
		A 1	. 171		D / 1 22/1000
mg/kg	mg/kg	Anaiy	yst: KL		Batch: 2241089
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 ND 20.0 96.6 % mg/kg ND 25.0 ND 50.0 116 %	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 116 % 50-200	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0500 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/06/22 ND 50.0 1 10/06/22	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 ND 0.0500 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 ND 0.0250 1 10/05/22 10/10/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/22 10/10/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/06/22 10/10/22 ND 25.0 1 10/06/22 10/07/22 ND 50.0 1 10/06/22 10/07/22

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S4-1'

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		122 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2241089
Chloride	25.3	20.0	1	10/06/22	10/10/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S4-2'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		119 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2241089
Chloride	22.9	20.0	1	10/06/22	10/10/22	

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S5-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
o,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		119 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2241089
Chloride	30.4	20.0	1	10/06/22	10/10/22	· · · · · · · · · · · · · · · · · · ·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S5-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/10/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/10/22	
Toluene	ND	0.0250	1	10/05/22	10/10/22	
o-Xylene	ND	0.0250	1	10/05/22	10/10/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/10/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/10/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	10/05/22	10/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		118 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: KL		Batch: 2241089
Chloride	28.4	20.0	1	10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S6-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		121 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: KL		Batch: 2241089
Chloride	30.9	20.0	1	10/06/22	10/10/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S6-2'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Limit	Dilution	Trepared	Anaryzeu	rvoics
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		120 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241089
Chloride	34.9	20.0	1	10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S7-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		121 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2241089
Chloride	33.2	20.0	1	10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S7-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		121 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241089
· · · · · · · · · · · · · · · · · · ·	34.6	20.0		10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S8-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		124 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2241089
Chloride	31.5	20.0		10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S8-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		124 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: KL		Batch: 2241089
Chloride	30.6	20.0	1	10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S9-1'

	D				
Result		Dilution	Prepared	Analyzed	Notes
Result	Liiiit	Dilution	Trepareu	Allalyzeu	ivotes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0500	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
	105 %	70-130	10/05/22	10/11/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
ND	20.0	1	10/05/22	10/11/22	
	97.8 %	70-130	10/05/22	10/11/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2241082
ND	25.0	1	10/06/22	10/07/22	
ND	50.0	1	10/06/22	10/07/22	
	123 %	50-200	10/06/22	10/07/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2241089
	<u> </u>		-		
	ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 20.0250 97.8 % mg/kg MB/kg mg/kg ND 25.0 ND 50.0 123 %	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 97.8 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 123 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0500 1 10/05/22 ND 0.0250 1 10/05/22 mg/kg 70-130 10/05/22 mg/kg mg/kg Analyst: IV ND 20.0 1 10/05/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/06/22 ND 50.0 1 10/06/22 123 % 50-200 10/06/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/22 10/11/22 ND 0.0500 1 10/05/22 10/11/22 ND 0.0250 1 10/05/22 10/11/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/22 10/11/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/22 10/11/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/06/22 10/07/22 ND 50.0 1 10/06/22 10/07/22 ND 50.0 1 10/06/22 10/07/22



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		120 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2241089
Chloride	27.2	20.0	1	10/06/22	10/10/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S10-1'

E210019-14							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2241074	
Benzene	ND	0.0250	1	10/05/22	10/11/22		
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22		
Toluene	ND	0.0250	1	10/05/22	10/11/22		
o-Xylene	ND	0.0250	1	10/05/22	10/11/22		
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22		
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22		
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2241074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	10/05/22	10/11/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2241082	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22		
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22		
Surrogate: n-Nonane		120 %	50-200	10/06/22	10/07/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2241089	
Chloride	21.9	20.0	1	10/06/22	10/10/22		



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S10-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		121 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241089
Chloride	28.8	20.0	1	10/06/22	10/10/22	_



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

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	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
ND	0.0500	1	10/05/22	10/11/22	
ND	0.0250	1	10/05/22	10/11/22	
	105 %	70-130	10/05/22	10/11/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
ND	20.0	1	10/05/22	10/11/22	
	96.9 %	70-130	10/05/22	10/11/22	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2241082
ND	25.0	1	10/06/22	10/07/22	
ND	50.0	1	10/06/22	10/07/22	
	120 %	50-200	10/06/22	10/07/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2241089
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 0.0250 mg/kg mg/kg ND 20.0 96.9 % mg/kg ND 25.0 ND 50.0 120 %	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 120 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0500 1 10/05/22 ND 0.0250 1 10/05/22 ND 0.0250 1 10/05/22 mg/kg 70-130 10/05/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/06/22 ND 50.0 1 10/06/22 120 % 50-200 10/06/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/05/22 10/11/22 ND 0.0500 1 10/05/22 10/11/22 ND 0.0250 1 10/05/22 10/11/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/22 10/11/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/05/22 10/11/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/06/22 10/07/22 ND 50.0 1 10/06/22 10/07/22 ND 50.0 1 10/06/22 10/07/22



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S11-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		128 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2241089
·	22.8	20.0		10/06/22	10/10/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S12-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		120 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241089
Chloride	31.7	20.0	1	10/06/22	10/11/22	_

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S12-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2241074
Benzene	ND	0.0250	1	10/05/22	10/11/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/11/22	
Toluene	ND	0.0250	1	10/05/22	10/11/22	
o-Xylene	ND	0.0250	1	10/05/22	10/11/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/11/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/11/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2241074
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	10/05/22	10/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2241082
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/07/22	
Surrogate: n-Nonane		127 %	50-200	10/06/22	10/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: KL		Batch: 2241089
Chloride	33.8	20.0	1	10/06/22	10/11/22	



Anions by EPA 300.0/9056A

Chloride

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S13-1' E210019-20

Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Analyst: IY Batch: 2241074 mg/kg mg/kg Volatile Organics by EPA 8021B 10/05/22 10/11/22 ND 0.0250 Benzene 1 10/05/22 10/11/22 Ethylbenzene ND 0.0250ND 0.02501 10/05/22 10/11/22 Toluene 1 10/05/22 10/11/22 ND o-Xylene 0.02501 10/05/22 10/11/22 ND 0.0500 p,m-Xylene 10/11/22 10/05/22 1 Total Xylenes ND 0.025010/05/22 10/11/22 105 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: IY Batch: 2241074 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 10/11/22 ND 20.0 1 10/05/22 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 96.4 % 10/05/22 10/11/22 70-130 mg/kg mg/kg Analyst: JL Batch: 2241082 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 10/06/22 10/07/22 Diesel Range Organics (C10-C28) ND 10/06/22 10/07/22 Oil Range Organics (C28-C36) 50.0 1 10/06/22 10/07/22 Surrogate: n-Nonane 125 % 50-200

mg/kg

20.0

mg/kg

36.9

Analyst: KL

10/06/22

10/11/22

1



Batch: 2241089

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S13-2'

		D				
Analisa	D14	Reporting	D:1	D 1	A l	N-4
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241075
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2241075
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2241080
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane		124 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2241091
Chloride	31.4	20.0	1	10/06/22	10/08/22	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S14-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2241075
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2241075
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2241080
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane		121 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2241091
Chloride	32.0	20.0	1	10/06/22	10/08/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S14-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241075
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2241075
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.0 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241080
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane		121 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241091
Chloride	30.7	20.0	1	10/06/22	10/08/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S15-1'

E210	019-24
	Penortin

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2241075
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2241075
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2241080
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane		125 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2241091
Chloride	29.9	20.0	1	10/06/22	10/08/22	



Chloride

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

S15-2'

		E210019-25				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241075
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2241075
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2241080
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane		131 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2241091

20.0

25.3

10/06/22

10/08/22



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 ST 1H CTB	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

Plains TX, 79355-0247		Project Number: Project Manager:		m Bynum				10)/11/2022 4:59:55P	
		Volatile Organics by EPA 8021B							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 (2241074-BLK1)							Prepared: 1	0/05/22 Ana	alyzed: 10/10/22	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
o,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130				
LCS (2241074-BS1)							Prepared: 1	0/05/22 Ana	alyzed: 10/10/22	
Benzene	4.90	0.0250	5.00		98.0	70-130				
Ethylbenzene	4.76	0.0250	5.00		95.3	70-130				
Toluene	4.94	0.0250	5.00		98.8	70-130				
o-Xylene	4.91	0.0250	5.00		98.2	70-130				
o,m-Xylene	9.60	0.0500	10.0		96.0	70-130				
Total Xylenes	14.5	0.0250	15.0		96.7	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130				
LCS Dup (2241074-BSD1)							Prepared: 1	0/05/22 Ana	alyzed: 10/10/22	
Benzene	4.33	0.0250	5.00		86.6	70-130	12.4	20		
Ethylbenzene	4.20	0.0250	5.00		84.0	70-130	12.6	20		
Toluene	4.36	0.0250	5.00		87.2	70-130	12.5	20		
o-Xylene	4.32	0.0250	5.00		86.3	70-130	12.9	20		
o,m-Xylene	8.48	0.0500	10.0		84.8	70-130	12.4	20		
Total Xylenes	12.8	0.0250	15.0		85.3	70-130	12.6	20		
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130				



Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cedar 11 ST 1H CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

Plains TX, 79355-0247		Project Manager:	: To	m Bynum				1	0/11/2022 4:59:55PN	
		Volatile Organics by EPA 8021B					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 (2241075-BLK1)							Prepared: 1	0/05/22 An	alyzed: 10/08/22	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130				
LCS (2241075-BS1)							Prepared: 1	0/05/22 An	alyzed: 10/08/22	
Benzene	4.70	0.0250	5.00		94.0	70-130				
Ethylbenzene	3.66	0.0250	5.00		73.2	70-130				
Toluene	3.94	0.0250	5.00		78.7	70-130				
o-Xylene	3.72	0.0250	5.00		74.4	70-130				
o,m-Xylene	7.44	0.0500	10.0		74.4	70-130				
Total Xylenes	11.2	0.0250	15.0		74.4	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130				
LCS Dup (2241075-BSD1)							Prepared: 1	0/05/22 An	alyzed: 10/08/22	
Benzene	5.08	0.0250	5.00		102	70-130	7.75	20		
Ethylbenzene	3.99	0.0250	5.00		79.7	70-130	8.57	20		
Toluene	4.27	0.0250	5.00		85.4	70-130	8.13	20		
-Xylene	4.05	0.0250	5.00		80.9	70-130	8.35	20		
o,m-Xylene	8.10	0.0500	10.0		81.0	70-130	8.55	20		
Total Xylenes	12.1	0.0250	15.0		81.0	70-130	8.48	20		



Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cedar 11 ST 1H CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

Plains TX, 79355-0247		Project Manager:		m Bynum					10/11/2022 4:59:55P
	Non	halogenated (Organics l	by EPA 801	15D - G	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 (2241074-BLK1)							Prepared: 1	0/05/22	Analyzed: 10/10/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
LCS (2241074-BS2)							Prepared: 10	0/05/22	Analyzed: 10/10/22
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
LCS Dup (2241074-BSD2)							Prepared: 1	0/05/22	Analyzed: 10/10/22
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130	3.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/11/2022 4:59:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				10/1	1/2022 4:59:55PM
	Non	halogenated	Organics	by EPA 80	15D - G	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 (2241075-BLK1)							Prepared: 1	0/05/22 Analy	zed: 10/08/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.71		8.00		83.9	70-130			
LCS (2241075-BS2)							Prepared: 1	0/05/22 Analy	zed: 10/08/22
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.7	70-130			
LCS Dup (2241075-BSD2)							Prepared: 1	0/05/22 Analy	zed: 10/08/22

8.00

99.2

86.3

70-130

70-130

0.175

20

20.0

6.90

Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/11/2022 4:59:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					10/11/2022 4:59:55P1			
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2241080-BLK1)							Prepared: 1	0/06/22 Aı	nalyzed: 10/07/22			
Diesel Range Organics (C10-C28)	ND	25.0										
Dil Range Organics (C28-C36)	ND	50.0										
urrogate: n-Nonane	62.8		50.0		126	50-200						
LCS (2241080-BS1)							Prepared: 1	0/06/22 Aı	nalyzed: 10/07/22			
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132						
urrogate: n-Nonane	61.4		50.0		123	50-200						
Matrix Spike (2241080-MS1)				Source:	E210019-	24	Prepared: 1	0/06/22 Aı	nalyzed: 10/08/22			
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132						
urrogate: n-Nonane	56.9		50.0		114	50-200						
Matrix Spike Dup (2241080-MSD1)				Source:	E210019-	24	Prepared: 1	0/06/22 Aı	nalyzed: 10/08/22			
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.0	38-132	5.50	20				
urrogate: n-Nonane	59.7		50.0		119	50-200						



Pima Environmental Services-CarlsbadProject Name:Cedar 11 ST 1H CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum10/11/20224:59:55PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				1	10/11/2022 4:59:55PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241082-BLK1)							Prepared: 1	0/06/22 Aı	nalyzed: 10/07/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.8		50.0		116	50-200			
LCS (2241082-BS1)							Prepared: 1	0/06/22 Aı	nalyzed: 10/07/22
Diesel Range Organics (C10-C28)	254	25.0	250		101	38-132			
urrogate: n-Nonane	59.2		50.0		118	50-200			
Matrix Spike (2241082-MS1)				Source:	E210019-	08	Prepared: 1	0/06/22 Aı	nalyzed: 10/07/22
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
urrogate: n-Nonane	59.3		50.0		119	50-200			
Matrix Spike Dup (2241082-MSD1)				Source:	E210019-	08	Prepared: 1	0/06/22 A1	nalyzed: 10/07/22
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	38-132	6.61	20	
'urrogate: n-Nonane	57.7		50.0		115	50-200			

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cedar 11 ST 1H CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 4:59:55PM

Plains 1A, /9353-024/		Project Manager	r: 10	om Bynum					10/11/2022 4:39:33P	IVI		
Anions by EPA 300.0/9056A Analyst: KL												
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %				
Blank (2241089-BLK1)							Prepared: 1	0/06/22	Analyzed: 10/10/22			
Chloride	ND	20.0										
LCS (2241089-BS1)							Prepared: 1	0/06/22	Analyzed: 10/10/22			
Chloride	262	20.0	250		105	90-110						
Matrix Spike (2241089-MS1)				Source:	E210019-	01	Prepared: 1	0/06/22	Analyzed: 10/10/22			
Chloride	309	20.0	250	38.1	108	80-120						
Matrix Spike Dup (2241089-MSD1)				Source:	E210019-	01	Prepared: 1	0/06/22	Analyzed: 10/10/22			

250

20.0

106

80-120

2.10

20

302



Pima Environmental Services-Carlsbad		Project Name:	C	edar 11 ST 1F	I СТВ				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					10/11/2022 4:59:55PM
		Anions	by EPA	300.0/9056 <i>£</i>	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2241091-BLK1)							Prepared:	10/06/22 A	nalyzed: 10/07/22
Chloride	ND	20.0							
LCS (2241091-BS1)							Prepared:	10/06/22 A	nalyzed: 10/07/22
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2241091-MS1)				Source:	E210019-	21	Prepared:	10/06/22 A	nalyzed: 10/08/22
Chloride	295	20.0	250	31.4	106	80-120			
Matrix Spike Dup (2241091-MSD1)				Source:	E210019-	21	Prepared:	10/06/22 A	nalyzed: 10/08/22
Chloride	295	20.0	250	31.4	106	80-120	0.0206	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:	Cedar 11 ST 1H CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/22 16:59

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

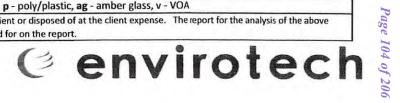
Note (1): Methods marked with ** are non-accredited methods.

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





iont: Di-	o Endi	onmont	al Sonia	200	Bill To			-	Lah	lle	e Onl	v	_		TAT		EPΔ P	rogram
roiect:	t: Ceclar I ST 1.H CT3 Attention: Devon Ene					RUV	Lab \	NO#			Job N	lumber	1D	2D		Standard	CWA	SDWA
roject Ma	nager:	Tom By	num		Address:	5.	E 2	2100	2/9		0105	58-0007				X		
ddress: 5					City, State, Zip			-		- 1	Analys	sis and Metho	d	_		- 1		RCRA
ty, State, none: 58			1. 88240		Phone:		2	2					1				State	
nail: to			n		Email:	-	8015	801				0:	-			NM CO	UT AZ	TX
eport due					Pima Project # /- Z		30 by	30 by	/ 802	8260	6010	e 300	N.	¥		X		
Time ampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by 8015	ВТЕХ БУ 8021	VOC by 8260	Metals 6010	Chloride 300.0	верос	верос			Remarks	
0:35	9/3/22	5		58-21		11							X					
0:40	1	1		59-1'		12							1					
0:45				59-2'		13												
10:50				SID-1'		14												
0:55				5/0-21		15												
1:00				511-1'		14												
11:05				S11-Z'		17												
11:10				512-1		18							\prod					
11:15				512-2'		19												
11:20				5+3-1		20							1					
Additiona	Instruc	tions:	3.41	-	on Energy: 2083	127H												
(field same)	er) attect to				I am aware that tampering with or intentionally mislal	belling the same	ole locat	ion,	-	-	Sample	es requiring therma	preserv	ation m	ust be recei	ived on ice the day	they are samp	led or receive
				may be grounds for le		Rogers	36.220				packed	d in ice at an avg ter					ays.	
Relinquishe		ature)	Date	Time	Received by: (Signature)	Date /	48	Time	3:1	15	Rece	eived on ice:		Lab U	se Only 1			
Relinquishe			Date			Date / 5	122	Time 10	:3	,	T1		T2			<u></u>		
Relinquishe	d by: (Sign	ature)	Date	e Time	Received by: (Signature)	Date		Time			AVG	3 Temp °C_	4					
		1 5 61 5	Clude: A	Aqueous, O - Other _		Contain	er Tyn	0.6	atica	n n	oly/p	lastic, ag - am	hor al	255 V	- VOA			

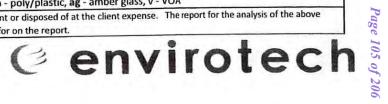


Project Information

Chain of Custody

	-	-	
Page	5	of	5

Cl: D					r I	p:II	To		7.		12	h He	e Onl	,		T	-	TAT	ī	EPA P	rogram
Project:	ima Envi	ronment	T / LL	Ces	Attor	ntion: Devon	EMPDON		Lab \	NO#	La		Job N	umb	er	1D 2D 3D			Standard	CWA	SDWA
Project N	Manager:	Tom By	num	CIB	Addr	ess:	- Porting of		F Z	100	919		0105	28-0	007				X		
	5614 N.					State, Zip							Analys	is and	Metho	d					RCRA
	e, Zip Ho)	Pho																
	580-748-				Ema	il:			13	135	- 1						1	1 1		State	T
	tom@pin		n						y 80	94 80	72	9	0	0.0		M			NM CO	UT AZ	TX
Report d	ue by:				Pim	na Project # /	-2		ROE	RO	y 80	₹ 826	601	Je 30			¥		4		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			ı	Lab lumber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	верос			Remarks	
11:25	10/3/22	5	1	513-2	1			21								X					
11:30		1	1	514-1				22								1					
11:35				514-2				23													
11:40				515-1	1			24													
11:45			\sqcap	515-2)			25								1				107	
41.12				5,50																	
Addition	nal Instruc	tions:	B/1/ y and auther	To Do	e. I am aware	Euped V that tampering with or in	: 20836	327 the samp	le loca	tion,			Samp	les requ	iring therm	nal prese	rvation	must be re	eceived on ice the da	y they are sam	pled or receive
				may be grounds for		Sampled b	by: Meel K	oges		-			packe	u in ice	at an avg t	emp doc					
1/80	ed by: (Sign	215	Dai	0-4-22	2:30	Received by: (Signat		Date De	0	Time	3	1	Rec	eive	d on ice	2: (DI	Use Or N	nıy		
Relinquist	ved av Usler	ature)	Da /(Tir	e in	Received by Kignat	hte	Date 10/5	122	10	1;3	50				_ I	2	-	<u></u>		
Relinquish	ned by: (Sign	ature)	Da	te Tir	ne	Received by: (Signat	ture)	Date		Time	e		AV	G Ter	mp °C_	4					
Sample Ma	trix(5-Soil)s	d - Solid, Sg	- Sludge, A	Aqueous, O - Othe	r			Contain	er Ty	pe (g	glas	s)p-	poly/	plastic	c, ag - al	mber	glass,	v - VOA	4		
Note: San	ples are dis	carded 30	days after	results are report	ed unless oth	ner arrangements are	made. Hazardous s	amples w	ill be r	eturne	ed to	client	or disp	osed	of at the	client	expen	se. The	report for the a	nalysis of th	ne above
samples is	applicable	only to the	se sample	received by the	laboratory w	ith this COC. The liabili	ity of the laboratory	is limited	to the	amou	ınt pa	id for	on the	repo	rt.						



Printed: 10/5/2022 11:09:45AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	no response concerning these items within 24 hours of	ine date of this notice	ce, un the su	inpres will be una	iiyzea as requestea.	
Client:	Pima Environmental Services-Carlsbad	Date Received:	10/05/22 10	0:30	Work Order ID:	E210019
Phone:	(575) 631-6977	Date Logged In:	10/04/22 17	7:34	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/11/22 17	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: U	IPS 24I	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	carrier. <u>c</u>	<u> </u>	
	Il samples received within holding time?	<i>,</i>	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi				Commen	ts/Resolution
Sample T	<u>urn Around Time (TAT)</u>					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Due to sample volume,	Project Cedar 11
Sample C	<u>Cooler</u>				ST 1H CTB has been s	plit into multiple
7. Was a s	sample cooler received?		Yes		reports/workorders. Wo	O#"s are as follows:
8. If yes,	was cooler received in good condition?		Yes		E210018 & E210019.	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		E210016 & E210019.	
10. Were	custody/security seals present?		No			
11. If ves	were custody/security seals intact?		NA			
-	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°C	<u> </u>			
Sample C	Container_					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers	?	Yes			
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab	<u>oel</u>					
20. Were	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	'		
	ollectors name?		No			
	reservation the COC on field lebels indicate the semulos were n	magamyad?	NI.			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	* o t o 1 o 9	NA			
		iciais:	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA :	Subcontract Lab	o: NA	
Client In	<u>istruction</u>					

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cedar 11 st 1H CTB1

Work Order: E210174

Job Number: 01058-0007

Received: 10/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/1/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/1/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cedar 11 st 1H CTB1

Workorder: E210174

Date Received: 10/26/2022 10:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2022 10:20:00AM, under the Project Name: Cedar 11 st 1H CTB1.

The analytical test results summarized in this report with the Project Name: Cedar 11 st 1H CTB1 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

CCII. 773 207 1702

whinchman@envirotech-inc.com

Raina Schwanz

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Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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S13 4'	15
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/22 13:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11 3'	E210174-01A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S11 4'	E210174-02A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S11 5'	E210174-03A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S11 6'	E210174-04A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S12 3'	E210174-05A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S12 4'	E210174-06A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S12 5'	E210174-07A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S12 6'	E210174-08A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S13 3'	E210174-09A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S13 4'	E210174-10A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S13 5'	E210174-11A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S13 6'	E210174-12A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S14 3'	E210174-13A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S14 4'	E210174-14A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S14 5'	E210174-15A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S14 6'	E210174-16A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S15 3'	E210174-17A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S15 4'	E210174-18A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S15 5'	E210174-19A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S15 6'	E210174-20A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S11 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		103 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244042

Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S11 4' E210174-02

Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Analyst: IY Batch: 2244046 mg/kg mg/kg Volatile Organics by EPA 8021B 10/27/22 10/28/22 ND 0.0250 Benzene 1 10/27/22 10/28/22 Ethylbenzene ND 0.0250ND 0.02501 10/27/22 10/28/22 Toluene 1 10/27/22 10/28/22 ND o-Xylene 0.02501 10/27/22 10/28/22 ND 0.0500 p,m-Xylene 10/28/22 10/27/22 1 Total Xylenes ND 0.025010/27/22 10/28/22 101 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: IY Batch: 2244046 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 10/27/22 10/28/22 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 96.5 % 10/27/22 10/28/22 70-130 mg/kg mg/kg Analyst: KM Batch: 2244036 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 10/27/22 10/31/22 Diesel Range Organics (C10-C28) ND 10/27/22 10/31/22 Oil Range Organics (C28-C36) 50.0 1

106 %

mg/kg

20.0

mg/kg

ND

50-200

10/27/22

10/27/22

Analyst: RAS

1

10/31/22

10/29/22

Batch: 2244042

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S11 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		107 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2244042
	ND	20.0	-	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S11 6' E210174-04

		221017101				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		yst: IY	<u> </u>	Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		101 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2244042
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S12 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		98.8 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244042
· · · · · · · · · · · · · · · · · · ·	ND	20.0		10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S12 4'

		Reporting	5 11			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: KM		Batch: 2244036
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	mg/kg ND	mg/kg 25.0	Analyst	: KM 10/27/22	10/31/22	Batch: 2244036
			Analyst 1		10/31/22 10/31/22	Batch: 2244036
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	25.0	Analyst 1 1 50-200	10/27/22		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0 50.0	1 1	10/27/22 10/27/22 10/27/22	10/31/22	Batch: 2244036 Batch: 2244042



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S12 5'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244046
ND	0.0250	1	10/27/22	10/29/22	
ND	0.0250	1	10/27/22	10/29/22	
ND	0.0250	1	10/27/22	10/29/22	
ND	0.0250	1	10/27/22	10/29/22	
ND	0.0500	1	10/27/22	10/29/22	
ND	0.0250	1	10/27/22	10/29/22	
	99.9 %	70-130	10/27/22	10/29/22	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244046
ND	20.0	1	10/27/22	10/29/22	
	97.8 %	70-130	10/27/22	10/29/22	
mg/kg	mg/kg	Anal	lyst: KM		Batch: 2244036
ND	25.0	1	10/27/22	10/31/22	
ND	50.0	1	10/27/22	10/31/22	
	108 %	50-200	10/27/22	10/31/22	
					5 1 2011010
mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2244042
	mg/kg ND ND ND ND ND ND ND ND ND N	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 97.8 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 99.9% 70-130 mg/kg mg/kg Ana ND 20.0 1 97.8% 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0500 1 10/27/22 ND 0.0250 1 10/27/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/27/22 mg/kg mg/kg Analyst: KM ND 25.0 1 10/27/22 ND 50.0 1 10/27/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Image: No.



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S12 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		110 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2244042
	ND	20.0		10/27/22	10/29/22	•



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S13 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		108 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244042
	ND	<u> </u>	•	10/27/22	10/29/22	



Chloride

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S13 4'

E210174-10						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		106 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2244042

20.0

ND

10/27/22

10/29/22



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S13 5'

E210174-11						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		102 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244042
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S13 6' E210174-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		105 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244042



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S14 3'

E210174-13						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		105 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2244042
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Envir	onmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 24	7	Project Number:	01058-0007	Reported:
Plains TX,	79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S14 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		108 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2244042



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S14 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		109 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244042



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S14 6'

		E210174-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		105 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2244042
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S15 3'

		E210174-17				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
o,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		111 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2244042
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S15 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		108 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2244042
Chloride	26.7	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S15 5' E210174-19

		E210174-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analy	vst: IY	<u> </u>	Batch: 2244046
Benzene	mg/kg ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		107 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2244042
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

S15 6'

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244046
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	10/27/22	10/29/22	_
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244046
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2244036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		109 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2244042
Chloride	ND	20.0	1	10/27/22	10/29/22	



Cedar 11 st 1H CTB1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 11/1/2022 1:59:10PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2244046-BLK1) Prepared: 10/27/22 Analyzed: 10/28/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.21 8.00 103 70-130 LCS (2244046-BS1) Prepared: 10/27/22 Analyzed: 10/28/22 4.54 90.7 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.50 0.0250 5.00 90.0 70-130 4.63 0.0250 5.00 92.7 70-130 Toluene o-Xylene 4.64 0.0250 5.00 92.8 70-130 9.11 10.0 91.1 70-130 0.0500 p.m-Xvlene 91.6 70-130 13.7 15.0 Total Xylenes 0.0250 8.00 103 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.23 Source: E210174-03 Matrix Spike (2244046-MS1) Prepared: 10/27/22 Analyzed: 10/28/22 5.05 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 5.03 0.0250 5.00 101 Toluene 5.17 0.0250 5.00 ND 103 61-130 ND 104 63-131 5.19 5.00 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 ND 102 63-131 15.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.26 8.00 Matrix Spike Dup (2244046-MSD1) Source: E210174-03 Prepared: 10/27/22 Analyzed: 10/28/22 4.58 0.0250 5.00 ND 91.6 54-133 9.71 20 61-133 4.54 0.0250 5.00 ND 90.8 10.4 20 Ethylbenzene 61-130 Toluene 4.67 0.0250 5.00 ND 934 10.1 20 4.67 5.00 ND 93.5 63-131 10.4 20 o-Xylene 0.0250 9.18 10.0 ND 91.8 63-131 10.4 20 p,m-Xylene 0.0500



13.8

8.25

0.0250

15.0

8.00

ND

92.3

103

63-131

70-130

10.4

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 1:59:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				1	11/1/2022 1:59:10PM
	Nor	halogenated	Organics l	by EPA 80	15D - G	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
Blank (2244046-BLK1)							Prepared: 1	0/27/22 An	alyzed: 10/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2244046-BS2)							Prepared: 1	0/27/22 An	alyzed: 10/28/22
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			
Matrix Spike (2244046-MS2)				Source:	E210174-	03	Prepared: 1	0/27/22 An	alyzed: 10/28/22
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			
Matrix Spike Dup (2244046-MSD2)				Source:	E210174-	03	Prepared: 1	0/27/22 An	alyzed: 10/28/22
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.1	70-130	12.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			



Pima Environmental Services-CarlsbadProject Name:Cedar 11 st 1H CTB1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum11/1/20221:59:10PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					11/1/2022 1:59:10PN
	Nonha	logenated Or	ganics by	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 (2244036-BLK1)							Prepared: 1	0/27/22 An	alyzed: 10/31/22
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.3		50.0		101	50-200			
LCS (2244036-BS1)							Prepared: 1	0/27/22 An	alyzed: 10/31/22
Diesel Range Organics (C10-C28)	241	25.0	250		96.4	38-132			
urrogate: n-Nonane	49.0		50.0		98.1	50-200			
Matrix Spike (2244036-MS1)				Source:	E210174-	17	Prepared: 1	0/27/22 An	alyzed: 10/31/22
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	38-132			
urrogate: n-Nonane	52.4		50.0		105	50-200			
Matrix Spike Dup (2244036-MSD1)				Source:	E210174-	17	Prepared: 10	0/27/22 An	alyzed: 10/31/22
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.3	38-132	0.743	20	
urrogate: n-Nonane	52.2		50.0		104	50-200			



Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:		edar 11 st 1H 1058-0007	CTB1				Reported:
Plains TX, 79355-0247		Project Manager:	T	om Bynum					11/1/2022 1:59:10PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2244042-BLK1)							Prepared:	10/27/22 A	analyzed: 10/29/22
Chloride	ND	20.0							
LCS (2244042-BS1)							Prepared:	10/27/22 A	analyzed: 10/29/22
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2244042-MS1)				Source:	E210174-	01	Prepared:	10/27/22 A	analyzed: 10/29/22
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2244042-MSD1)				Source:	E210174-	01	Prepared:	10/27/22 A	analyzed: 10/28/22
Chloride	263	20.0	250	ND	105	80-120	0.560	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:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/22 13:59

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.



Client: O	IMA EDVIN	HORMAC	1 GOLA	ces	1 4/5	I		Bill To				نا	ab Us	e Or	ily	nake Siri	Çe.			TA	<u> </u>	EPA Pi	ogram
Project: (Jedar 115	HI 18	CTRI					n Energy		Lab	WO				Num			D 2	2D	3D	Standard	CWA	SDWA
Project N	Manager: TO	M BANI	(W		15/At	Addr				E	210	17	4			<u>-ccc</u>					X		RCRA
	5614 N. e, Zip HOO					Phon	State, Zip			-	Т	T	_	Anaiy	ysis a	nd Meth	100	$\overline{}$					RCRA
	580-749					Email				۰ ۰	2				}		ı	-				State	<u> </u>
	M@DiMO					Cilian	l .		_	- 🖁	801	_	_		o			_		표	NMI CO	UT AZ	TXT
Report d						Pro	166+ 1-	2		Š ģ) Å	802	8260	6010	a 300.0			₹		λŢ 20	V		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID					Lab Numbe	F 1 DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride			BGDOC - NM		TCEQ 1005 TX-TPH		Remarks	
11:20	10/24/22	S		311 3	•				. 1								<u>_\</u>	4	i				
11:25				311 0	<u>'</u>				2													_	
11:30				311 5	<u>'</u>				3								$\perp \!\!\! \perp$						
11:35				811 L	ρ`				4														
11:40				812 3	1				5														က
11:45				S12 L	<u>'' </u>				lo) (4)													of 33
11:50				S12 5	o <u>'</u>				1														Page 31
11:55				S12 1	۱				8														
12:00				S13 -	<u>3' </u>				9	A St								Ц					
12:05			7	S13_1	4'				10	1 (4) 1 (4) 1 (4) 1 (4)													
Addition	al Instructio	ns:		Billing	. 20	921	ึ้งวา																
I, (field samp	oler), attest to the	validity and a	uthenticity o	of this sample. I a	am aware al action.	that tam	npering with or in	tentionally mislabellin	s the sample lo	ation,					-	-					ved on ice the day the °C on subsequent da	-	or received
Relinguish	ed by: (Signatur	re)	Date	25/22 Tir		Y	Referred by: 18f	Penditurk	1997 A	(jr)	Time	<u>J -</u>	Ü	Rece	eivec	l on ice	: 1	Lat VV	Us N	e Onl	y		
Refination of the second	ed by: Signatur	re)	Date	250 D	Je ()	6	Received by: (Si	gnature)	10h	0/22	Time):2	0	T1			·I	رب 2	Yang Yang Yang		13		
Relinquish	ed by: (Signatur	re)	Date	Tir	ne		Received by: (Si	gnature)	Date		Time			AVG	i Ten	1p:°C	Ц						
Sample Mate	rix: S - Soil, Sd - So	olid, S g - Slud	ge, A - Aque	ous, O - Other					Contain	er Typ	e: g - g	glass,					ber (glass	, v -	VOA	A CONTRACTOR OF THE PARTY OF THE PARTY OF		
		•		•			_	made. Hazardou	•					•		at the cli	ent e	pens	se.	The rep	oort for the anal	sis of the a	bove
samples is	applicable only	to those sai	mples rece	ived by the lab	oratory	with this	s COC. The liabi	ility of the laborato	ry is limited to	the ar	nount	paid fo	or on	the re	port.								



Project Information				Chain	of Custody											P	age <u>l</u> ø	_ of
Client: Pima Environ Project: (Ydar 115	mento	U Sees CTBI	rices	Attention: DEVON Energy	i		WO#			e Onl		or	1D	חכו	TA 3D	T Standard	EPA P	rogram SDWA
Project Manager: Ton Address: 51,014 N. 1 City, State, Zip 40000	1 BVI	NUN	<u></u>	Address: City, State, Zip		E2	#0# .101	بر	1	0 0	<u> </u>	er COOST Metho	Š.	20	30	X	CVVA	RCRA
City, State, Zip 40009 Phone: 580-748-1 Email: 40M@DiMat	<u>1613</u>		<u></u>	Phone: Email:		8015	8015								臣	NM CO	State	TXI
Report due by:		No. of		Project # 1-2	Lab	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH	X	0. 7.2	
Sampled Date Sampled	Matrix	Containers	Sample ID		Number	DRO,	GRO,	E E	δV	Met	욷		<u>ğ</u>		TGE		Remarks	
12:10 10/24/22	S		913 5'					_					X					
12:15			S13 6'		13		\perp						11		Ш			
12:20	•		814 3	1	13								Ш					
12:25			SI4 4'	·	19													
2:30			514 5	`	15													
12:35			S14 61		160													
2:40			S15 3'		V													
2:45			S15 4'		18													
2:50			\$15 5'		19													
12:55			S15 6		20													
Additional Instructions	s:	Ь		0836327	••••				•			•						
, (field sampler), attest to the va late or time of collection is cons		uthenticity o	f this sample. I am	aware that tampering with or intentionally mislabelling	g the sample locati	on,										ved on ice the day the °C on subsequent day	-	or received
Relinguished by: (Signature)	200 M	Date //// Date	75/22 Time	Received by Isignature	Date/	24		A) Rec e i	ved o	on ice:	(Ý	ab Us N	se Onl	у.	Garage Control	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)	A TOZO	22	Time LO Time	<u>:</u> 2	0	T1		اا	12 4					
Sample Matrix: S - Soil, Sd - Solic	d. Sg - Stude	ze. A - Aque	ous. O - Other		Container	Type	. a - al:	acc m		AVG			or also		VOA			



Printed: 10/26/2022 4:44:46PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	<u> </u>		•		·	
Client:	Pima Environmental Services-Carlsbad	Date Received:	10/26/22	10:20	Work Order ID:	E210174
Phone:	(575) 631-6977	Date Logged In:	10/26/22	10:56	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	11/01/22	17:00 (4 day TAT)		
1. Does th	Custody (COC) ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>JPS</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted is i.e, 15 minute hold time, are not included in this disucssi		Yes	ſ	Commen	ts/Resolution
·	Furn Around Time (TAT)				Due to sample volume,	project (Cedar 11
	COC indicate standard TAT, or Expedited TAT?		Yes		-	= = :
Sample C			Vac		st 1H CTB1) has been	-
	sample cooler received? was cooler received in good condition?		Yes Yes		workorders/reports. The	-
• .	e sample(s) received intact, i.e., not broken?				numbers are as follows:	: E210172,
	custody/security seals present?		Yes		E210173, and E210174	•
	were custody/security seals intact?		No			
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	NA Yes			
	Container	temperature. 1	<u>-</u>			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	ormation:	*7			
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes No			
Sample P	reservation		1.0			
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA	
Client Ir	<u>istruction</u>					
						C

Date

Report to: Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cedar 11 st 1H CTB1

Work Order: E210173

Job Number: 01058-0007

Received: 10/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/1/22

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.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/1/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cedar 11 st 1H CTB1

Workorder: E210173

Date Received: 10/26/2022 10:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2022 10:20:00AM, under the Project Name: Cedar 11 st 1H CTB1.

The analytical test results summarized in this report with the Project Name: Cedar 11 st 1H CTB1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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ljarboe@envirotech-inc.com

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West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/22 14:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S6 3'	E210173-01A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S6 4'	E210173-02A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S6 5'	E210173-03A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S6 6'	E210173-04A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S7 3'	E210173-05A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S7 4'	E210173-06A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S7 5'	E210173-07A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S7 6'	E210173-08A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S8 3'	E210173-09A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S8 4'	E210173-10A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S8 5'	E210173-11A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S8 6'	E210173-12A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S9 3'	E210173-13A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S9 4'	E210173-14A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S9 5'	E210173-15A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S9 6'	E210173-16A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S10 3'	E210173-17A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S10 4'	E210173-18A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S10 5'	E210173-19A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S10 6'	E210173-20A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S6 3'

E21017	73-01
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	L210175 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: IY		Batch: 2244045
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0500	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
	102 %	70-130	10/27/22	10/28/22	
mg/kg	mg/kg	Analy	st: IY		Batch: 2244045
ND	20.0	1	10/27/22	10/28/22	
	83.9 %	70-130	10/27/22	10/28/22	
mg/kg	mg/kg	Analy	st: KM		Batch: 2244035
ND	25.0	1	10/27/22	10/31/22	
ND	50.0	1	10/27/22	10/31/22	
	104 %	50-200	10/27/22	10/31/22	
ma/ka	mo/ko	Analy	st: RAS		Batch: 2244041
mg/Kg	mg/kg				
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID2 % mg/kg mg/kg mg/kg ND 20.0 83.9 % mg/kg ND 25.0 ND 50.0	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 83.9 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0500 1 10/27/22 ND 0.0250 1 10/27/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/27/22 mg/kg mg/kg Analyst: KM ND 25.0 1 10/27/22 ND 50.0 1 10/27/22 ND 50.0 1 10/27/22	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0500 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/27/22 10/28/22 mg/kg mg/kg Analyst: KM ND 25.0 1 10/27/22 10/31/22 ND 50.0 1 10/27/22 10/31/22 ND 50.0 1 10/27/22 10/31/22

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S6 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.6 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		112 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/28/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S6 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.8 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		112 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244041
· · · · · · · · · · · · · · · · · · ·	ND	20.0		10/27/22	10/28/22	·

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S6 6'

E210173-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.0 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		108 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S7 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.3 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		106 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S7 4'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.3 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		113 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244041
Chloride	23.6	20.0	1	10/27/22	10/29/22	

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S7 5'

E210173-07						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		110 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2244041
Chloride	24.0	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S7 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.6 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		114 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2244041
Amons by E111200:0/203011						



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S8 3' E210173-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.8 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/31/22	
Surrogate: n-Nonane		110 %	50-200	10/27/22	10/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S8 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.8 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		109 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2244041
-	ND	20.0		10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S8 5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		112 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S8 6'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.6 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		112 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S9 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		113 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2244041
amons by Elitection / Octob						



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S9 4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.3 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		115 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2244041
	ND	20.0	-	10/27/22	10/29/22	· · · · · · · · · · · · · · · · · · ·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S9 5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		108 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S9 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.8 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		110 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2244041
				10/27/22	10/29/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S10 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.8 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		108 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S10 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.0 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		113 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244041



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S10 5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.3 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		113 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244041
Chloride	ND	20.0	1	10/27/22	10/29/22	·

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 2:29:59PM

S10 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244045
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2244045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.9 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2244035
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	11/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	11/01/22	
Surrogate: n-Nonane		114 %	50-200	10/27/22	11/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2244041
	ND	20.0	-	10/27/22	10/29/22	



QC Summary Data

Cedar 11 st 1H CTB1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 11/1/2022 2:29:59PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2244045-BLK1) Prepared: 10/27/22 Analyzed: 10/27/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.36 8.00 104 70-130 LCS (2244045-BS1) Prepared: 10/27/22 Analyzed: 10/27/22 5.47 109 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.35 0.0250 5.00 87.0 70-130 4.65 0.0250 5.00 92.9 70-130 Toluene 4.42 88.5 o-Xylene 0.0250 5.00 70-130 8.84 10.0 88.4 70-130 0.0500 p.m-Xvlene 88.5 13.3 15.0 70-130 Total Xylenes 0.0250 8.00 106 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.45 Source: E210173-03 Matrix Spike (2244045-MS1) Prepared: 10/27/22 Analyzed: 10/28/22 6.02 0.0250 5.00 ND 120 54-133 Benzene ND 61-133 Ethylbenzene 4.79 0.0250 5.00 95.9 Toluene 5.12 0.0250 5.00 ND 102 61-130 ND 97.6 63-131 4.88 5.00 0.0250 o-Xylene p,m-Xylene 9.73 0.0500 10.0 ND 97.3 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.68 8.00 Matrix Spike Dup (2244045-MSD1) Source: E210173-03 Prepared: 10/27/22 Analyzed: 10/28/22 5.20 0.0250 5.00 ND 104 54-133 14.7 20 61-133 14.0 4.17 0.0250 5.00 ND 83.3 20 Ethylbenzene 61-130 Toluene 4 44 0.0250 5.00 ND 88.8 14 2 20 4.24 5.00 ND 84.8 63-131 14.1 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

84.7

84.7

106

63-131

63-131

70-130

13.8

13.9

20

20



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

8.47

12.7

8.46

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cedar 11 st 1H CTB1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum11/1/20222:29:59PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				11	/1/2022 2:29:59PM				
	Non	halogenated	Organics	by EPA 80	15D - G	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				
Blank (2244045-BLK1)							Prepared: 1	0/27/22 Ana	lyzed: 10/27/22				
Gasoline Range Organics (C6-C10)	ND	20.0											
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.8	70-130							
LCS (2244045-BS2)							Prepared: 1	0/27/22 Ana	lyzed: 10/27/22				
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.9	70-130							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		83.9	70-130							
Matrix Spike (2244045-MS2)				Source:	E210173-	03	Prepared: 1	0/27/22 Ana	lyzed: 10/28/22				
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.2	70-130							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130							
Matrix Spike Dup (2244045-MSD2)				Source:	E210173-	03	Prepared: 1	0/27/22 Ana	lyzed: 10/28/22				
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.3	70-130	2.42	20					

8.00

6.94

86.8

70-130



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cedar 11 st 1H CTB1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum11/1/2022 2:29:59PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					11/1/2022 2:29:59PN
	Nonhal	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 (2244035-BLK1)							Prepared: 1	0/27/22 A	nalyzed: 10/31/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.4		50.0		101	50-200			
LCS (2244035-BS1)							Prepared: 1	0/27/22 A	nalyzed: 10/31/22
Diesel Range Organics (C10-C28)	217	25.0	250		86.7	38-132			
urrogate: n-Nonane	48.0		50.0		96.1	50-200			
Matrix Spike (2244035-MS1)				Source:	E210173-	08	Prepared: 1	0/27/22 A	nalyzed: 10/31/22
Diesel Range Organics (C10-C28)	225	25.0	250	ND	90.1	38-132			
urrogate: n-Nonane	51.4		50.0		103	50-200			
Matrix Spike Dup (2244035-MSD1)				Source:	E210173-	08	Prepared: 1	0/27/22 A	nalyzed: 10/31/22
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.6	38-132	1.74	20	
urrogate: n-Nonane	54.4		50.0		109	50-200			

QC Summary Data

Pima Environmental Services-Carlsbac	d	Project Name:	C	edar 11 st 1H	CTB1				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	T	om Bynum					11/1/2022 2:29:59PM
		Anions	by EPA	300.0/9056 <i>£</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2244041-BLK1)							Prepared:	10/27/22 A	analyzed: 10/28/22
Chloride	ND	20.0							
LCS (2244041-BS1)							Prepared:	10/27/22 A	analyzed: 10/28/22
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2244041-MS1)				Source:	E210173-	01	Prepared:	10/27/22 A	analyzed: 10/28/22
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2244041-MSD1)				Source:	E210173-	01	Prepared:	10/27/22 A	analyzed: 10/28/22
Chloride	263	20.0	250	ND	105	80-120	1.05	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:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/22 14:29

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Ir	nformation								Chain	of Custody													P	age <u>3</u>	_ of <u>_</u>
Client: P	ima Frivir	onment	al Serv	292i		1		Bil	I <u>I</u> To	-	ladion.		La	ab Us	se On	ly ===	Maria de la comoción				TA	T		EPA P	rogram
Project:	<u>Cedar II</u>	H 18	CTBI			Atter	ntion: \	levon !	Energy		Lab	WO#							1D	2D	3D	Star	ndard	CWA	SDWA
	Manager: To					Addr	ess:				E	WO# 2.\0	17						•			X			
	:51014 N					:	State, Zi	<u>ip</u>							Analy	/sis ar	d Met	hod							RCRA
City, Sta	te, Zip 41001 580-748	SO, NM,	PR VAI	2		Phon					١.,	ا ,, ا												Ctata	
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Report o		DIT.COM			200	Pa	DIENTA	* 1-2			DRO/ORO by 8015	GRO/DRO by 8015	8TEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			Σ		rceo 1005 TX+TPH		X	01 AZ	 '^
Time	T T	T	No. of	Ī	12. 23	1 , , ,	UICCI		-	Lab	1 🖔	/DR(ζ þγ	<u>۾</u>	as 6	ride			BGDOC - NM		100		- 1 _ 1		<u> </u>
Sampled	Date Sampled	Matrix	Containers	Sample ID	,					Number	8	GRC	вте	Š	Z Z	<u>ਬੁੱ</u>			BG0		TOEC			Remarks	
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	of collection is c						npering witi	s or intention Sampled by	Andrei	the sample local	tion,												sequent day		Of Teceived
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Relinguish	ard Wy: Stanato	27/1	Date	7-20	Time	14	Received b	by: (Signatu	ret Dod	bate 1020	•	Time	: :2		T1				ົ່ T2∴		e de la companya de La companya de la co	· T		16c - 1	
Relinquish	ed by: (Signatu	re)	Date		Time	•	Received b	by: (Signatu	re)	Date		Time			AVG	Tem	n°C	4					ri 1981 w ri h _{ar} is		
Sample Mat	rix: S - Soil, Sd - 9	olid, Sg - Sluc	ige, A - Aque	ous, O - Other	r					Containe	r Type	1 e: g - g	lass.					nber	glas	s, v - '	VOA	150 550		ability (haliz)	
Note: Sam	ples are discar	led 30 days	after resul	ts are report	ed unless o					samples will be	e retu	rned to	clien	t or d	ispose	d of a						port for	the analy	sis of the a	bove
samples is	applicable only	to those sa	mples rece	ived by the I	laboratory	with thi	is COC. The	e liability of	f the laborator	y is limited to t	he am	nount p	aid fo	or on t	the re	port.					·				



envirotech environment

Client: Pinna Environmental Ser	vices Bill To	Ą		L	ab Us	e On	ly seek some			TA	T	EPA Pr	ogram
Project: Cedar 1194 14 CTB1	Attention: DEVON FNPY QY	L _a	ab WO	#	Z	Job	Number	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tow Bynum	Address:	E	= 2\C) [[(25 8000		<u> </u>		У		DCDA
Address: 5 oly N. lovington Hill City, State, Zip Horros, NM. 8824	City, State, Zip	— <u> </u>		_		Analy	sis and Meth	od T	_				RCRA
Phone: 580-748-1613	[N € 6 M]	— I .	ء ا ي						1		1.89.76	State	-
Email: tom@pimapil.com	Email:	:	by 8015 by 8015	1_			o			₹	NMI CO	UT AZ	тхТ
Report due by:	Project # 1-2	;	호 호 호 호	805	8260	010	300.0	₹	1	Š	X		
Time Date Sampled Matrix No. of Container	Sample ID	Lab mber	DRO/ORO by 8015 GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride	BGDOC - NM		TCEQ 1005 TX-TPH		Remarks	
10:30 1c/211/22 S 1	385	L						X					
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11:15	SID 6' 2	<u>'</u> .0											
Additional Instructions:	Billing: 20836327												
I, (field sampler), attest to the validity and authenticit	of this sample. I am aware that tampering with or intentionally mislabelling the samp	le location),			Sample	es requiring thermal	preserva	tion mus	st be receiv	ved on ice the day the	y are sampled	or received
date or time of collection is considered fraud and may						packed	in ice at an avg tem				°C on subsequent day	/s.	
Relinquished by: (Signature) Dat		1-26		∂.	0	Rece	<i>)</i> eived on ice:	G	abU r}∕N	se Onl	y.		
Refugurished by (Signature) Date (1)	Tigne - (5 Received by: (Signature) Date	blobz	7 \ \ ():9		T1		<u>T2</u>	- 10.4		<u> 73</u>	n (1 (2)4)	
Refinquished by: (Signature)	Time Received by: (Signature) Date		Time	•		AVG	Temp °C	4					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqu					p - p	oly/pl	astic, ag - am						
	its are reported unless other arrangements are made. Hazardous samples eived by the laboratory with this COC. The liability of the laboratory is limits					-		nt exp	ense.	The rep	ort for the analy	ysis of the a	bove

envirotech

Printed: 10/26/2022 2:59:33PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad Date Received:	10/26/22	10:20	Work Order ID: E210173
Phone: (575) 631-6977 Date Logged In:	10/26/22	10:54	Logged In By: Alexa Michaels
Email: tom@pimaoil.com Due Date:		17:00 (4 day TAT)	cc ,
Chain of Custody (COC)			
1. Does the sample ID match the COC?	Yes		
2. Does the number of samples per sampling site location match the COC	Yes		
3. Were samples dropped off by client or carrier?	Yes	Carrier: U	TPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes		<u></u>
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disussion.	Yes		Comments/Resolution
Sample Turn Around Time (TAT)			
6. Did the COC indicate standard TAT, or Expedited TAT?	Yes		Due to sample volume, project (Cedar 11
Sample Cooler			st 1H CTB1) has been split into three
7. Was a sample cooler received?	Yes		workorders/reports. The workorder/report
8. If yes, was cooler received in good condition?	Yes		numbers are as follows: E210172,
9. Was the sample(s) received intact, i.e., not broken?	Yes		
10. Were custody/security seals present?	No		E210173, and E210174.
11. If yes, were custody/security seals intact?	NA		
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes		
13. If no visible ice, record the temperature. Actual sample temperature:	<u> 1°C</u>		
Sample Container			
14. Are aqueous VOC samples present?	No		
15. Are VOC samples collected in VOA Vials?	NA		
16. Is the head space less than 6-8 mm (pea sized or less)?	NA		
17. Was a trip blank (TB) included for VOC analyses?	NA		
18. Are non-VOC samples collected in the correct containers?	Yes		
19. Is the appropriate volume/weight or number of sample containers collected?	Yes		
Field Label			
20. Were field sample labels filled out with the minimum information: Sample ID?	Yes		
Date/Time Collected?	Yes		
Collectors name?	No		
Sample Preservation			
21. Does the COC or field labels indicate the samples were preserved?	No		
22. Are sample(s) correctly preserved?	NA		
24. Is lab filteration required and/or requested for dissolved metals?	No		
Multiphase Sample Matrix			
26. Does the sample have more than one phase, i.e., multiphase?	No		
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA		
Subcontract Laboratory			
28. Are samples required to get sent to a subcontract laboratory?	No		
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab	: NA

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cedar 11 st 1H CTB1

Work Order: E210172

Job Number: 01058-0007

Received: 10/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/1/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/1/22

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cedar 11 st 1H CTB1

Workorder: E210172

Date Received: 10/26/2022 10:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2022 10:20:00AM, under the Project Name: Cedar 11 st 1H CTB1.

The analytical test results summarized in this report with the Project Name: Cedar 11 st 1H CTB1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name: Project Number: Project Manager:	Cedar 11 st 1H CTB1	Reported:
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/22 12:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 3'	E210172-01A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S1 4'	E210172-02A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S1 5'	E210172-03A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S1 6'	E210172-04A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S2 3'	E210172-05A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S2 4'	E210172-06A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S2 5'	E210172-07A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S2 6'	E210172-08A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S3 3'	E210172-09A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S3 4'	E210172-10A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S3 5'	E210172-11A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S3 6'	E210172-12A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S4 3'	E210172-13A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S4 4'	E210172-14A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S4 5'	E210172-15A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S4 6'	E210172-16A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S5 3'	E210172-17A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S5 4'	E210172-18A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S5 5'	E210172-19A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.
S5 6'	E210172-20A	Soil	10/24/22	10/26/22	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S1 3' E210172-01

		E2101/2-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
p-Xylene	ND	0.0250	1	10/27/22	10/28/22	
o,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg Analyst: IY			Batch: 2244044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		80.0 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S1 4'

E210172-02

		2210172 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	*		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg Analyst: IY			Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		91.0 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S1 5' E210172-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: IY			Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.1 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		86.7 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S1 6' E210172-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		86.8 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S2 3' E210172-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		82.9 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S2 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		87.9 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S2 5'

		E210172-07				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		90.3 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S2 6' E210172-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		96.8 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S3 3' E210172-09

	LEIUI/E U				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0500	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
	101 %	70-130	10/27/22	10/28/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
ND	20.0	1	10/27/22	10/28/22	
	95.2 %	70-130	10/27/22	10/28/22	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
ND	25.0	1	10/27/22	10/27/22	
ND	50.0	1	10/27/22	10/27/22	
	98.7 %	50-200	10/27/22	10/27/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244040
ND	20.0	1	10/27/22	10/28/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 20.0250 MD 20.0 95.2 % mg/kg MD 25.0 ND 50.0 98.7 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 70-130 1 Mg/kg mg/kg Anal ND 20.0 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 98.7 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0500 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/27/22 mg/kg mg/kg Analyst: KM ND 25.2 % 70-130 10/27/22 mg/kg mg/kg Analyst: KM ND 25.0 1 10/27/22 ND 50.0 1 10/27/22 98.7 % 50-200 10/27/22 mg/kg Mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0500 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/27/22 10/28/22 mg/kg mg/kg Analyst: KM ND 25.0 1 10/27/22 10/28/22 ND 25.0 1 10/27/22 10/27/22 ND 50.0 1 10/27/22 10/27/22 ND 50.0 1 10/27/22 10/27/22 mg/kg mg/kg Analyst: RAS 10/27/22

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S3 4' E210172-10

		E210172-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
o,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		77.5 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S3 5' E210172-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
p-Xylene	ND	0.0250	1	10/27/22	10/28/22	
o,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		81.3 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S3 6' E210172-12

		2210172 12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		83.4 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S4 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/27/22	
Surrogate: n-Nonane		93.8 %	50-200	10/27/22	10/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2244040
	ND	20.0		10/27/22	10/28/22	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S4 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/28/22	
Surrogate: n-Nonane		88.0 %	50-200	10/27/22	10/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244040



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S4 5'

		E210172-15				
Reporting						
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/28/22	
Surrogate: n-Nonane		88.2 %	50-200	10/27/22	10/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S4 6'

		E210172-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/28/22	
Surrogate: n-Nonane		85.4 %	50-200	10/27/22	10/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S5 3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/28/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/28/22	
Toluene	ND	0.0250	1	10/27/22	10/28/22	
o-Xylene	ND	0.0250	1	10/27/22	10/28/22	
o,m-Xylene	ND	0.0500	1	10/27/22	10/28/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/28/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	10/27/22	10/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/28/22	
Surrogate: n-Nonane		79.1 %	50-200	10/27/22	10/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2244040
Chloride	ND	20.0	1	10/27/22	10/28/22	



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S5 4'

Batch: 2244044 0/28/22 0/28/22 0/28/22 0/28/22 0/28/22
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Batch: 2244040
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Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S5 5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244044
Benzene	ND	0.0250	1	10/27/22	10/29/22	
Ethylbenzene	ND	0.0250	1	10/27/22	10/29/22	
Toluene	ND	0.0250	1	10/27/22	10/29/22	
o-Xylene	ND	0.0250	1	10/27/22	10/29/22	
p,m-Xylene	ND	0.0500	1	10/27/22	10/29/22	
Total Xylenes	ND	0.0250	1	10/27/22	10/29/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2244044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/22	10/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	10/27/22	10/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2244034
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/22	10/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/22	10/28/22	
Surrogate: n-Nonane		76.5 %	50-200	10/27/22	10/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2244040
				10/27/22	10/28/22	·



Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

S5 6' E210172-20

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
ND	0.0500	1	10/27/22	10/28/22	
ND	0.0250	1	10/27/22	10/28/22	
	103 %	70-130	10/27/22	10/28/22	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2244044
ND	20.0	1	10/27/22	10/28/22	
	96.6 %	70-130	10/27/22	10/28/22	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2244034
ND	25.0	1	10/27/22	10/28/22	
ND	50.0	1	10/27/22	10/28/22	
	84.8 %	50-200	10/27/22	10/28/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2244040
ND	20.0	1	10/27/22	10/28/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 20.0250 MD 20.0 96.6 % mg/kg ND 25.0 ND 50.0 84.8 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MB/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 84.8 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0500 1 10/27/22 ND 0.0250 1 10/27/22 ND 0.0250 1 10/27/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/27/22 mg/kg mg/kg Analyst: KM ND 25.0 1 10/27/22 ND 50.0 1 10/27/22 ND 50.0 1 10/27/22 Mg/kg Mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0500 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 ND 0.0250 1 10/27/22 10/28/22 mg/kg mg/kg Analyst: IY ND 20.0 1 10/27/22 10/28/22 mg/kg mg/kg Analyst: KM ND 25.0 1 10/27/22 10/28/22 ND 25.0 1 10/27/22 10/28/22 ND 50.0 1 10/27/22 10/28/22 ND 50.0 1 10/27/22 10/28/22 ND 50.0 1 10/27/22 10/28/22 8



Cedar 11 st 1H CTB1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 11/1/2022 12:46:38PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2244044-BLK1) Prepared: 10/27/22 Analyzed: 10/28/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.33 8.00 104 70-130 LCS (2244044-BS1) Prepared: 10/27/22 Analyzed: 10/28/22 4.29 85.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.21 0.0250 5.00 84.2 70-130 4.36 0.0250 5.00 87.2 70-130 Toluene o-Xylene 4.34 0.0250 5.00 86.8 70-130 8.50 10.0 85.0 70-130 0.0500 p.m-Xvlene 85.6 12.8 15.0 70-130 Total Xylenes 0.0250 8.00 103 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.22 Source: E210172-03 Matrix Spike (2244044-MS1) Prepared: 10/27/22 Analyzed: 10/31/22 4.90 0.0250 5.00 ND 97.9 54-133 Benzene ND 61-133 Ethylbenzene 4.93 0.0250 5.00 98.6 Toluene 5.03 0.0250 5.00 ND 101 61-130 ND 63-131 5.04 5.00 101 0.0250 o-Xylene p,m-Xylene 9.99 0.0500 10.0 ND 99.9 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.08 8.00 Matrix Spike Dup (2244044-MSD1) Source: E210172-03 Prepared: 10/27/22 Analyzed: 10/28/22 5.06 0.0250 5.00 ND 54-133 3.29 ND 61-133 2.24 5.04 0.0250 5.00 101 20 Ethylbenzene 61-130 Toluene 5.17 0.0250 5.00 ND 103 2 73 20 5.19 5.00 ND 104 63-131 2.98 20 o-Xylene 0.0250 10.2 10.0 ND 102 63-131 1.95 20 p,m-Xylene 0.0500



15.4

8.13

0.0250

15.0

8.00

ND

103

102

63-131

70-130

2.30

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Cedar 11 st 1H CTB1	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/1/2022 12:46:38PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				11	/1/2022 12:46:38PM	
	Non	Nonhalogenated Organics by EPA 8015D - GRO						Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2244044-BLK1)							Prepared: 1	0/27/22 Ana	lyzed: 10/28/22	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130				
LCS (2244044-BS2)							Prepared: 1	0/27/22 Ana	lyzed: 10/28/22	
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.1	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130				
Matrix Spike (2244044-MS2)				Source:	E210172-	03	Prepared: 1	0/27/22 Ana	lyzed: 10/28/22	
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130				
Matrix Spike Dup (2244044-MSD2)				Source:	E210172-	03	Prepared: 1	0/27/22 Ana	lyzed: 10/28/22	
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130	6.89	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130				

Pima Environmental Services-CarlsbadProject Name:Cedar 11 st 1H CTB1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum11/1/2022 12:46:38PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					11/1/2022 12:46:38PN
	Nonha	logenated Or	ganics by	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 (2244034-BLK1)							Prepared: 1	0/27/22 Ar	nalyzed: 10/27/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	40.2		50.0		80.4	50-200			
LCS (2244034-BS1)							Prepared: 1	0/27/22 Ar	nalyzed: 10/27/22
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
urrogate: n-Nonane	35.8		50.0		71.5	50-200			
Matrix Spike (2244034-MS1)				Source:	E210172-	07	Prepared: 1	0/27/22 Ar	alyzed: 10/27/22
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132			
urrogate: n-Nonane	42.6		50.0		85.1	50-200			
Matrix Spike Dup (2244034-MSD1)				Source:	E210172-	07	Prepared: 10	0/27/22 Ar	nalyzed: 10/27/22
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	38-132	0.694	20	
Gurrogate: n-Nonane	38.9		50.0		77.8	50-200			



Pima Environmental Services-Carlsbac	1	Project Name:		Cedar 11 st 1H	CTB1				Reported:
PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		1058-0007 om Bynum					11/1/2022 12:46:38PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2244040-BLK1)							Prepared:	10/27/22 A	.nalyzed: 10/28/22
Chloride	ND	20.0							
LCS (2244040-BS1)							Prepared:	10/27/22 A	nalyzed: 10/28/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2244040-MS1)				Source:	E210172-	01	Prepared:	10/27/22 A	nalyzed: 10/28/22
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2244040-MSD1)				Source:	E210172-	01	Prepared:	10/27/22 A	nalyzed: 10/28/22
Chloride	261	20.0	250	ND	104	80-120	0.631	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:	Cedar 11 st 1H CTB1	
-	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/01/22 12:46

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.



Client: V	ma Envir	coment	al Servi	000			Bill To			91475	La	b Us	se Or	ly				_	TA	т	EPA P	rogram
	Cedar 119						on Energy		Lab	WO#	ر دست			Num			D :	2D	3D	Standard	CWA	SDWA
Address:	Manager: To Doll N.	NAME OF THE	M Hin	<u> </u>		ress: State, Zip			EZ	10	17				d Met		L			X Lucionis as		RCRA
City, Stat	te, Zip Holo	MN , RO	88240	3 —	Pho								Anaiy	/SIS ar	ia ivieti	noa		\neg				RCRA
Phone: F	580-748	-1613			Ema				57	21										************	State	
Email: \	owid @ wc	oil.com	1						8	y 8015	12			0:0			۱ ۶		Ŧ	NM CO	UT AZ	TX
Report d	ue by:		1		H	2)EC+#:	1-12		į	Š	, 80°	, 826	601	e 3			ž		t 20	X		
Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 802:	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM		ТСЕО 1005 ТХ-ТРН		Remarks	
8:00	10/24/22	S	1	S1 3'				1								_	×					
8:05				SI 4"				l a							_							
8:10				315'				3														
8:15				31 6				ď														
8:20				92 3				5									\prod					
8:25	·			S2 4'				φ									\prod					7
8:30				SZ 5'				7														6
8:35				SZ 6				8									\parallel					
8:40				93 3°				9									71					
8:45			_	93 4	1			lo									П					
Addition	al Instructio	ns:			-0.11.0	2000					-					•						
I (field same	lar) attact to the	ualidity and a	ush antinitu	KIIII	(M±	208363	ntentionally mislabelling th						et-	1.1								
				e grounds for legal a	ction.	1 XX-SEAL	pled by: KNICKOIX P	e sampie iocati V.	ion,						-					ed on ice the day the 'C on subsequent day		or received
	ed by: (Signatur		Date	25/22 Time	1	Received by (si	ignatu/e)	10.4.	-	Time Vime	7	٢/			on ice				e Only	1		
Relinguishe	ed by: (Signatur) ()	Date	1500 Time	.:(4	Received by: (Si	ignature)	Date Diol) 72	Trime	:20		'''ひ T1	, veu		•	Y Y			В		
	d by: (Signatur	e)	Date	Time		Received by: (Si	ignature)	Date		Time	<u> </u>		ALIC		o°C	ij						
Sample Matri	ix: S - Soil, Sd - So	olid. Sg - Sludi	e. A - Aquec	us. O - Other				Container	Tyne	· g _ g	ass r					her :	lace	#####################################	/OA		ght (It) le	
					ess other ar	rangements are	e made. Hazardous sa	mples will be	retur	ned to	client	or di	ispose	d of at	the cli	ent e	sidəs, opens	e. T	he ren	ort for the analy	sis of the a	bove
samples is a	applicable only	to those sai	mples recei	ved by the laborat	ory with th	is COC. The liab	ility of the laboratory is	limited to th	ne amo	ount p	aid fo	r on t	he rep	ort.			, .		, p .			-3



Project In	formation						Chain of	Custody												Pag	ge <u>7</u>	_ of <u>_ </u>
Client:	Ma Frying	mental	Service	20		Bil	II To		201-1-42 2 8 69 13	:/:\ <u>/</u> ;							Iaa	TA [*]				rogram
Project:	<u>Certair II S</u> Manager: To	T IH C	1121			ttention: <u>Devon F</u> ddress:	zverth —		Lab	WO#	٠,	~	Job L	Vumt	oer 000		2D	3D	Standar	a 	CWA	SDWA
	5614 N.			J	. 2757 (3.31	ity, State, Zip				TO			Analy	sis an	d Meth	od .	1		- Contracts	ق ئر:		RCRA
City, Stat	te, Zip Hitor	MIN	8824D	*	74.05 or 68	hone:				I				T	T	Ī						
Phone: 1	34F-08C	-1613			555 55	mail:			\ <u>2</u>	55								_			State	
Email: + Report d	to by:	<u>oil.cox</u>	Λ		t c	Project# 1-	 -Z		to by 80	O by 80	8021	8260	5010	300.0		N.		S TX-TP	NM ×	CO	JT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	<u> </u>			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		·	Remarks	
8:5D	10/24/22	S		93 5	١			VV								X						
B:55			-	33 L	, P			12														
9:00				34 3	\)			13														
9:05				34 4				W														
9:10				S4 5) '			ら														
Q:15				S4 6	1			16														
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	al Instruction			B:	ıllina,	#: 2083632	7															
	15.5		•	f this sample. I am e grounds for legal	aware that	t tampering with or intention	nally mislabelling the	sample locat	ion,					-	-				ed on ice the d C on subseque		re sampled	l or received
	ed by: (Signatur	αľ)	Date	Time		Received by: Signatu		Date 1)-2C	-d	Time	<u></u>	0	Rece) ived	on ice:	L (¥	ab U	se Onl				
Relinguist	d by (Signatur		Date	2500 TIME	i.14	Received by: (Signatu	rel X	Date 10 QU	ſ	Time	: ₂ (_	T1			T2	,		<u> 13</u>			
Relinquish	ed by: (Signatur	e)	Date	Time		Received by: (Signatu	re)	Date		Time			AVG	Temi	o°C l	4						
Sample Mat	rix: S - Soi l, Sd - So	lid. Se - Slud	ge. A - Aque	ous O - Other				Container	Type		lace i					oor ala	CC 1/-	VOA		· · · · · ·		



enviroteche enviroteche

Printed: 10/26/2022 2:30:53PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	D' F ' 419 ' 611 1				· · · · · · · · · · · · · · · · · · ·	
Client:	Pima Environmental Services-Carlsbad	Date Received:	10/26/22 1		Work Order ID	
Phone:	(575) 631-6977	Date Logged In:	10/26/22 1		Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	11/01/22 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
-			37			
	e sample ID match the COC? e number of samples per sampling site location ma	tch the COC	Yes			
	mples dropped off by client or carrier?	ien ine eoe	Yes	G : 1	TDG	
	COC complete, i.e., signatures, dates/times, request	stad analysess?	Yes Yes	Carrier: <u>U</u>	<u>JPS</u>	
	I samples received within holding time?	sted analyses:	Yes			
5. Were an	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		103		Commo	ents/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Due to sample volume	= - :
Sample C	<u>ooler</u>				st 1H CTB1) has been	n split into three
7. Was a s	ample cooler received?		Yes		workorders/reports. T	he workorder/report
8. If yes, v	vas cooler received in good condition?		Yes		numbers are as follow	•
9. Was the	sample(s) received intact, i.e., not broken?		Yes		E210173, and E21017	•
10. Were	custody/security seals present?		No		E2101/3, and E2101/	74.
11. If yes,	were custody/security seals intact?		NA			
	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes			
	*	temperature. 1	<u> </u>			
Sample C	ueous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	9	Yes			
	ppropriate volume/weight or number of sample contain		Yes			
Field Lab	-	ners conceteu:	103			
	er ield sample labels filled out with the minimum info	ormation:				
	mple ID?	ination.	Yes			
	nte/Time Collected?		Yes			
Co	ollectors name?		No			
	<u>reservation</u>					
	he COC or field labels indicate the samples were p	reserved?	No			
	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does t	he sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontra	act Laboratory					
	mples required to get sent to a subcontract laborato	ry?	No			
	subcontract laboratory specified by the client and is	-	NA	Subcontract Lab	o: NA	
Client In	struction					
<u>enene in</u>	<u> </u>					

Date

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

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

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

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

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

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

CONDITIONS

Action 158538

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	158538
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwel	None	2/13/2023