New Mexico Page 1 of 137

Incident ID	napp2204137742
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?	<50 (ft bgs)
Did this release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	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 X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well</li> <li>Field data</li> </ul>	ls.
Data table of soil contaminant concentration data     Depth to water determination	
x Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	
Boring or excavation logs NA	
Photographs including date and GIS information     Topographic/Aerial maps	
X Laboratory data including chain of custody	

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

Received by OCD: 6/29/2023 10:25:26 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 2 of 1	37
Incident ID	napp2204137742	
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thi addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name: Dale Woodall	Title: Env. Professional
Signature: Dale Woodall	Date:6/29/2023
email:dale.woodall@dvn.com	Telephone: <u>575-748-1838</u>
OCD Only	
Received by: Shelly Wells	Date: <u>6/29/2023</u>

Page 3 of 137 napp2204137742 Incident ID District RP Facility ID Application ID

#### **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be	included in the plan.								
Detailed description of proposed remediation technique  Scaled sitemap with GPS coordinates showing delineation points  Estimated volume of material to be remediated  Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC  Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)									
1 Toposed schedule for remediation (note if remediation plan tim	sinie is more than 90 days OCD approvar is required)								
<u>Deferral Requests Only</u> : Each of the following items must be con	firmed as part of any request for deferral of remediation.								
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility								
Extents of contamination must be fully delineated.									
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.								
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file of which may endanger public health or the environment. The acceptance liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state, or local limits of the compliance with any other federal state.	ertain release notifications and perform corrective actions for releases nce of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of								
Printed Name: Dale Woodall	Title: Env. Professional								
Signature: Dale Woodall	Date:6/29/2023								
email:dale.woodall@dvn.com	Telephone: 575-748-1838								
OCD Only									
Received by: Shelly Wells	Date: 6/29/2023								
Approved	Approval Denied Deferral Approved								
Signature:	Date:								

Page 4 of 137

Incident ID	napp2204137742
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.

	items must be included in the closure report.							
X A scaled site and sampling diagram as described in 19.15.29.	11 NMAC							
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)								
X Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)							
Description of remediation activities								
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in							
Printed Name: Dale Woodall	Title: Env. Professional							
Signature: Dals Woodall	Date: 6/29/2023							
email: dale.woodall@dvn.com								
email:	Telephone: 575-748-1838							
email:	Telephone: 575-748-1838							
	Telephone: 575-748-1838							
OCD Only	Telephone:575-748-1838							
	Telephone:575-748-1838							
OCD Only  Received by: Shelly Wells  Closure approval by the OCD does not relieve the responsible party	Date: 6/29/2023  of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible							
OCD Only  Received by: Shelly Wells  Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface	Date: 6/29/2023  of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible							



June 28, 2023 #5E31003-BG9

Mr. Robert Hamlet NMOCD District 2 811 S. First St Artesia, New Mexico 88210

SUBJECT: Closure Report for the Coral PWU 27-28 #001H Release (nAPP2204137742), Eddy County, New Mexico

#### 1.0 Introduction

On behalf of Devon Energy Production Company (Devon), Souder, Miller & Associates (SMA) has prepared this Closure Report that describes the remediation of liquids related to oil and gas production activities at the Coral PWU 27-28 #001H site. The site is in Unit O, Section 28, Township 19S, Range 29E, Eddy County, New Mexico, on Federal land managed by the Bureau of Land Management (BLM). A topographic map showing the release location is included as Figure 1 and an aerial site map is included as Figure 2.

Table 1: Release Information and Closure Criteria									
Name	Coral PWU 27-28 #001H	Company	Devon Energy Production Company						
API Number	30-015-40206	Location	Unit O of S28, T 19S, R 29E Eddy County, NM 32.6278643, -104.079651						
Incident Number	nAPP2204137742	Land Status	Federal (BLM)						
Release Type	Produced Water	Source of Release	Leak on a three-phase separator						
Date of Release	February 4, 2022	Date Reported to NMOCD	February 16, 2022						
Released Volume	14.26 barrels (bbls)	Recovered Volume	4 bbls						
NMOCD Closure Criteria	Depth to groundwater <50 feet bg	S							

#### 2.0 Background

On February 4, 2022, a release of produced water was discovered at the Coral PWU 27-28 #011H site due to a leak on a three-phase separator. Initial response activities were conducted by Devon, and included source elimination and recovery of free liquids. An initial release characterization was performed by SMA on February 24, 2022. A copy of the C-141 form is included in Appendix A.

#### 3.0 Site Information and Closure Criteria

The Coral PWU 27-28 #011H is an active production facility located approximately 22 miles northeast of Carlsbad, New Mexico on Federal (BLM) land at an elevation of approximately 3,304 feet above mean sea level (amsl).

## Coral PWU 28 #001H Closure Report Page 2 of 4 June 28, 2023

#### Depth to Groundwater

A search of the New Mexico Office of the State Engineer (OSE) New Mexico Water Rights Reporting System (NMWRRS) and the United State Geological Society (USGS) National Water Information System did not yield any results within ½-mile of the site (Appendix B). Thus, depth to groundwater is considered to be less than 50 feet below grade surface (bgs) for the Closure Criteria determination.

#### Wellhead Protection Area

There are no known groundwater sources within ½ mile of the location, according to the OSE NMWRRS and USGS National Water Information System. Registered wells in the vicinity are shown on Figure 1.

#### <u>Distance to Nearest Significant Watercourse</u>

There are no significant watercourses within ½ mile of the location as illustrated on Figures 1 and 2. However, the site does lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

#### Closure Criteria Determination

Based on the information presented herein, this site's applicable NMOCD Closure Criteria is set to the standards for depth to groundwater less than 50 feet bgs. Table 2 demonstrates the Closure Criteria applicable to this location.

#### 4.0 Release Characterization

On February 24, August 19, and September 22, 2022, SMA personnel performed release characterization activities at the Coral PWU 27-28 #011H site. SMA collected soil samples throughout the visibly stained area as well as outside the visibly stained area to determine the horizontal and vertical extents of the release. A total of 35 soil borings (BH-01 through BH-35) were advanced using a hand auger to depths ranging from 2 to 4 feet bgs, with two soil borings (BH-20 and BH-21) extending to depths of 10 and 14 feet respectively. Borings were advanced until refusal due to caliche being encountered at approximately 2 to 4 feet bgs. Soil boring locations and the relative release extents are pictured in Figure 3, and a detailed excavation plan is shown in Figure 4. A total of 112 delineation samples were collected from the release area per the sampling protocol included in Appendix D. Soil samples were field screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. Field notes and a photograph log are included in Appendix C.

A total of 83 samples were collected for laboratory analysis for chloride using United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel, and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

Laboratory analytical results reported total BTEX concentrations below laboratory reporting limits (RLs) of 0.100 milligrams per kilogram (mg/kg) and benzene concentrations for all samples below the laboratory RL of 0.0250 mg/kg. Total TPH concentrations are reported to range from below the laboratory RLs up to 1,793 mg/kg. Chloride concentrations are reported to range from below laboratory RLs up to 39,100 mg/kg. Laboratory analytical results are summarized in Table 3 and laboratory reports are included in Appendix E.

Laboratory analytical results indicated that all the soil boring locations except for BH-02, BH-06, BH-20, BH-22, BH-23, BH-26, and BH-31 through BH-35 are impacted more than the Closure Criteria for total TPH and/or chloride,

Coral PWU 28 #001H Closure Report Page 3 of 4 June 28, 2023

either on the surface or with depth. Background sample results do not indicate elevated natural chloride in the native soils.

#### 5.0 Remediation Activities

On May 11, 2023, excavation activities were performed by a 3rd party contractor with SMA oversight. Excavation activities lasted seven working days and confirmation samples were collected on May 19, 2023. The remediation area was excavated in three parts. First, approximately 3,345 square feet and with a maximum depth of 2 feet was excavated by a backhoe. Second, an area measuring approximately 4,310 square feet with a maximum depth of 1 foot was hand dug due to buried piping and surface equipment. Third, a test-pit area measuring 225 square feet with a depth of 14 feet was excavated using a backhoe. The impacted soil was moved directly from the excavation by the backhoe to trucks for removal from the site to an NMOCD-permitted surface waste facility.

NMOCD was notified of closure sampling on May 16, 2023, and closure sampling was performed on May 19, 2023. Excavation samples were composed of 5-point composite samples collected every 1,000 square-feet for the excavation base and every 200 square-feet for the shallow excavation walls. A total of 49 closure confirmation samples were collected and submitted for laboratory analysis. The confirmation samples were collected in accordance with the sampling protocol included in Appendix F and analyzed for BTEX, TPH, and chloride using the methods listed above.

Laboratory analytical results report concentrations for chloride, benzene, total BTEX, and total TPH below laboratory reporting limits (RLs) which are below the NMOCD Closure Criteria for all samples.

Approximately 502 cubic yards of excavated soils were transported to an NMOCD-permitted surface waste facility for remediation/disposal. The excavation was backfilled with clean, imported material and graded to match the surrounding area. Excavation extents and closure confirmation sample locations are depicted in Figure 5. A photo log is included in Appendix C. Confirmation laboratory results are summarized in Table 4. Laboratory reports are included in Appendix E.

#### 6.0 Recommendations

As demonstrated in Table 4, all closure confirmation samples meet NMOCD Closure Criteria. Contaminated soils were removed and replaced with clean backfill material. The location was graded to return the surface to previous contours. The contaminated soil was transported and disposed of at R360 Environmental Solutions, located in Hobbs NM, an NMOCD permitted disposal facility. **SMA recommends no further action and requests closure of Incident Number nAPP2204137742.** 

#### 7.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation guidance; and preparing this report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

# Coral PWU 28 #001H Closure Report Page 4 of 4 June 28, 2023

If there are any questions regarding this report, please contact Stephanie Hinds at (505)-793-7079.

Submitted by:

Reviewed by:

SOUDER, MILLER & ASSOCIATES

Technician III Staff Scientist Stephanie Hinds, P.E. Project Engineer

Atylienie Alvols

#### **REFERENCES:**

New Mexico Office of the State Engineer (NMOSE) online water well database https://gis.ose.state.nm.us/gisapps/ose\_pod\_locations/

USGS National Water Information System: Web Interface online water well database https://nwis.waterdata.usgs.gov/nwis/gwlevels?site\_no=321205103544701&agency\_cd=USGS&format=html

#### **ATTACHMENTS:**

#### Figures:

Figure 1: Topographic Site Map

Figure 2: Aerial Site Map

Figure 3: Remediation Description Map

Figure 4: Remediation Description Map (with Remediation Depths)

Figure 5: Closure Sample Locations

#### Tables:

Table 2: NMOCD Closure Criteria

Table 3: Summary of Initial Release Assessment Field Screening and Laboratory Analytical Results

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

#### **Appendices:**

Appendix A: Copy of Form C-141, Correspondences

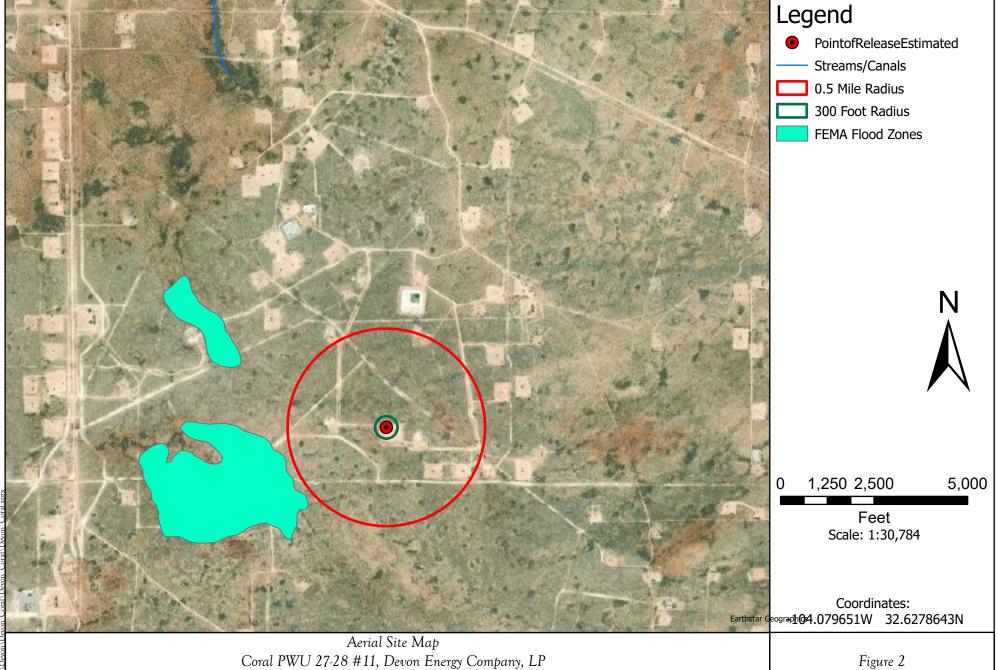
Appendix B: Water Well Data

Appendix C: Field Notes and Photograph Log

Appendix D: Sampling Protocol

Appendix E: Laboratory Analytical Reports

### **FIGURES**



UL: O S: 28 T: 19S R: 29E, Eddy County, New Mexico

Revisions Date:\_\_\_\_\_\_ Descr: \_\_\_\_ Date: \_\_\_\_\_ Descr: \_\_\_\_ © Souder, Miller & Associates, 2021, All Rights Reserved

Sarahmay Schlea Drawn 3/28/2023 Date Checked Approved



201 South Halagueno Street Carlsbad, New Mexico 88221 (575) 689-7040 Serving the Southwest & Rocky Mountains

4/12/2023

Date

Checked

Approved

Carlsbad, New Mexico 88221

(575) 689-7040

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\_\_\_\_ Descr:

Received by OCD: 6/29/2023 10:25:26 AM Page 13 of 137 Method Method Depth of (feet bgs) BTEX CI-Benzen Total TPH NMOCD Closure Criteria < 0.100 < 0.0250 <95.0 403 2/24/2022 2.5 < 0.100 < 0.0250 <95.0 622 oBH-32 < 0.100 2/24/2022 <0.0250 < 0.100 5,410 BH-22 <0.0250 9,590 2/24/2022 < 0.0250 12,400 <0.100 <0.0250 2,490 2/24/2022 < 0.100 28.7 < 0.100 <0.0250 8.690 BH-21 BH-24BH-26 BH 7 2/24/2022 < 0.100 <0.0250 93.6 OBH-23 BH 8 2/24/2022 < 0.100 < 0.0250 303 BH 9 2/24/2022 < 0.100 < 0.0250 <95.0 12,000 BH 10 2/24/2022 < 0.100 BH-19 BH-17 < 0.100 < 0.0250 BH 11 2/24/2022 <0.0250 < 0.100 BH-27 BH-13 2/24/2022 BH 12 BH-20 BH-01 BH-03 BH-25 < 0.100 2.930 BH 13 2/24/2022 < 0.100 <0.0250 <20.0 <0.100 <0.0250 BH-12 **BH 14** 2/24/2022 BH-33 < 0.0250 289 < 0.100 < 0.100 1,580 **BH15** 2/24/2022 BH-02 BH-04 <0.100 <0.0250 82.5 BH-11 BH-16 BH-15 BH16 2/24/2022 < 0.100 < 0.0250 <95.0 3,620 < 0.100 <0.0250 <95.0 4,110 BH 17 2/24/2022 < 0.100 <0.0250 375 < 0.100 <0.0250 950 2/24/2022 242 BH-18 BH-31 BH-14 2/24/2022 BH 19 < 0.100 39,100 BH-34 0 BH-06 2 310 8/19/2022 <200 12 358 14 1,900 Legend < 0.100 <0.0250 <95.0 0.5 1,030 8/19/2022 **BH 24** 336 Point of Release Estimated 397 0 <95.0 22,600 **Buried Pipelines - locations** 6,700 8/19/2022 estimated 3,160 1,510 < 0.100 <0.0250 <95.0 253 Soil Borings BH 26 8/19/2022 <40.0 0 < 0.100 15,300 Meets Closure Criteria 8/19/2022 BH 27 1,240 **Exceeds Closure Criteria** < 0.100 <0.0250 2,120 8/19/2022 BH 28 Remediation Depths 0.5 1,170 9/22/2022 626 1,140 1 ft - 4,310 sq. ft. - Hand Dig Scale: 1:350 9/22/2022 <200 2 ft - 3,345 sq. ft. - Backhoe 15 Note: All concentrations presented in milligrams per kilogram (mg/kg) 0 30 14 ft - 225 sq. ft. - Test Pit Coordinates: Feet **■** -104.079651W 32.6278643N Remediation Description Map Coral PWU 27-28 #11 - Devon Energy Production Co. Figure 4 UL: O S: 28 T: 19S R: 29E, Eddy County, New Mexico Sarahmay Schlea 201 South Halagueno Street Drawn Carlsbad, New Mexico 88221 4/12/2023 Date (575) 689-7040 Checked Serving the Southwest & Rocky Mountains Approved © Souder, Miller & Associates, 2021, All Rights Reserved Released to Imaging: 11/22/2023 10:52:05 AM

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Date

Checked

Approved

6/28/2023

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# **TABLES**

nAPP2204137742

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)	Source/Notes	
Depth to Groundwater (feet bgs)	No Data	NMOSE and USGS Water Well Data
Horizontal Distance From All Water Sources Within 1/2 Mile	>0.5 mi	NMOSE Water Well Data
Horizontal Distance to Nearest Significant Watercourse (ft)	10,384	USGS 7.5-minute Quadrangle Map

Closure Criteria (19.15.2	29.12.B(4) an	d Table 1 NMAC)				
·	Closure Criteria (units in mg/kg)					
Depth to Groundwater	Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	ВТЕХ	Benzene	
< 50' BGS	Х	600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water	yes or no	if yes, then				
<300' from continuously flowing watercourse or other significant watercourse?  <200' from lakebed, sinkhole or playa lake?	no no					_
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? <1000' from fresh water well or spring?	no no					
Human and Other Areas	1.0	600	100		50	10
<300' from an occupied permanent residence, school, hospital, institution or church?	no					
within incorporated municipal boundaries or within a defined municipal						
fresh water well field?	no					
<100' from wetland?	no					
within area overlying a subsurface mine	no					
within an unstable area?	Yes					
within a 100-year floodplain?	no					



#### Table 3: Summary of Field Screening and Laboratory Analytical Results

	Sample	l Sample	Field Screening Method 80		d 8021B	8021B Method 8015D				Method 300.0	
Sample ID	Date		VOCs by PID	EC	ВТЕХ	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD	Closure Crit	eria			50	10				100	600
BG	2/24/2022	1									<400
			r refusal at 1 f		1	1	1		1	1	1
	- 1 1	0	0.4	0.44	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	403
BH 1	2/24/2022	2.5	0.1	2.36	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	622
			r refusal at 2.5		1	ı	1				ī
	- 1 1	0	0.1	0.54	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	167
BH 2	2/24/2022	2.5	0.1	2.1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	345
			r refusal at 2.5		1						I
	- / /	0	0.1	5.98	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	11,200
BH 3	2/24/2022	2.5	0.1	7.63	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	5,410
			r refusal at 2.5		ı	1	1				ı
	- 1 1	0	0.2	4.68	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	9,590
BH 4	2/24/2022	2.5	0.1	7.54	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	12,400
			r refusal at 2.5		ı	1	1				ı
5=	2/24/2022	0	0.0	1.63	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	2,490
BH 5		2.5	0.1	1.17	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	28.7
			r refusal at 2.5		1	1	ı				1
	- 1 1	0	0.1	0.45	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	346
BH 6	2/24/2022	2.5	0.1	1.97	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
			r refusal at 2.5								
	- / /	0	0.1	4.74	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	8,690
BH 7	2/24/2022	4	0.0	0.36	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	93.6
			r refusal at 4 f	_							
56	0 /0 4 /0 000	0	0.0	3.83	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	6,570
BH 8	2/24/2022	2.5	0.0	2.1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	303
			r refusal at 2.5				22.2	27.0			
BH 9	2/24/2022	0	0.4	6.72	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	12,000
			de pipelines; h			0.0050	22.2	25.0			
DU 40	2/24/2022	0		5.89	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	13,500
BH 10	2/24/2022		de pipelines; h			0.0070	22.2	25.0	-50.0	-00	40
DUAA	2/24/2022	0	0.3	6.58	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	12,700
BH 11	2/24/2022	4	0.0	1.11	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	400
			r refusal at 4 f		0.100	0.00=0	22.2	25.0	-500	-00	
D. 1.4.0	2/24/222	0	0.0	1.44	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	2,320
BH 12	2/24/2022		de pipelines; h			.0.0250	.20.0	-25.0	.50.0	:05.0	2.000
D11.42	2/24/2020	0	0.1	1.7	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	2,930
BH 13	2/24/2022	4	0.0	0.21	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		1	r refusal at 4 f		0.100	0.00=0	22.2	25.0	-500	-00	40.000
D. 1.4.6	2/24/222	0	0.2	3.51	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	12,200
BH 14	2/24/2022	4	0.0	0.42	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	289
		nand auge	r refusal at 4 f	eet bgs							



	Sample Date	Depth of	Field Sc	reening	Metho	d 8021B		Metho	d 8015D		Method 300.0					
Sample ID		Sample (feet bgs)	VOCs by PID	EC	ВТЕХ	Benzene	GRO	DRO	MRO	Total TPH	Chloride					
			ppm	mS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg					
NMOCD	Closure Crit	1			50	10				100	600					
				- 1 1			0	0.2	3.71	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	1,580
BH15	2/24/2022	3	0.1	1.1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	82.5					
			r refusal at 3 f		I		T				I					
5,116	0/04/0000	0	0.1	2.41	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	3,620					
BH16	2/24/2022		de pipelines; h				T									
511.47	2/24/2022	0	0.1	2.32	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	4,110					
BH 17	2/24/2022	4	0.0	0.68	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	375					
			r refusal at 4 f		0.100	0.0070		25.0	-500	07.0	050					
DU 40	2/24/2222	0	0.2	2.19	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	950					
BH 18	2/24/2022	2	0.1	2.06	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	242					
		_	r refusal at 2 f			0.00		465								
BH 19	- / /	0	1.1	20.0	<0.100	<0.0250	<20.0	193	1,600	1,793	39,100					
	2/24/2022		de pipelines, n	1	·											
		0	1.6	2.52	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	464					
	8/19/2022		0.5	2.2	0.92											
		1	2.0	2.18							<200					
		2	1.7	2.23												
		3	1.7	2.24												
BH 20		4	2.0	2.18												
		5	2.6	2.17												
		6	2.4	2.17												
		7	2.0	2.13												
		8	1.2	2.08												
		9	3.0	1.99												
		10	0.9	2.02							<200					
		0	0.5	8.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	16,900					
		0.5	0.6	3.6												
		1	0.8	3.44							1,900					
		2	0.8	2.56							310					
		3	0.9	2.41												
		4	0.9	2.22							<200					
		5	1.1	2.42												
BH 21	8/19/2022	6	0.7	2.37												
	3, 20, 2022	7	0.5	2.66												
		8	0.7	2.64												
		9	0.5	2.74												
		10	0.5	3.11												
		11	0.4	3.24												
		12	0.5	3.76							358					
		13														
		14		-				-			1,900					



#### Table 3: Summary of Field Screening and Laboratory Analytical Results

	Cample	Depth of	Field Sc	reening	Metho	d 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	Sample (feet bgs)	VOCs by PID	EC	ВТЕХ	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD	Closure Crit				50	10				100	600
		0	0.1	2.61	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	202
		0.5	0.1	2.05							
		1	0.8	2.26							<200
BH 22	8/19/2022	1.5	0.8	1.99							
		2	0.4	2.26							<200
		2.75	0.3	2.21							
			r refusal at 2.7		ı	T	1	1	ı	TPH mg/kg 100 <95.0	
		0	0.6	2.41	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	201
		0.5	0.9	2.27							<200
BH 23	8/19/2022	1	0.5	2.26							
	0, -0, -0	2	0.4	2.20							
		2.75	0.3	2.21							<200
			r refusal at 2.7		ı	T	ı	1	ı	50.0 <95.0  	1
BH 24	8/19/2022	0	0.3	11.29	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	13,600
		0.5	0.9	3.14							1,030
		1	0.6	1.37							336
		2	0.6	1.04							
		3	0.4	2.40							397
			r refusal at 3 f		T	1	1	1	T	0.0 <95.0	1
		0	0.6	18.01	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	22,600
		0.5	0.5	5.23							
BH 25	8/19/2022	1	0.6	4.34							6,700
	-, -, -	2	0.5	2.46	3.14 1.37 1.04		3,160				
		3	0.4	2.04					MRO         TPH           mg/kg         mg/kg            100           <50.0	1,510	
			r refusal at 3 f		ı	T	1	1	ı	1	1
		0	0.6	2.40	<0.100	<0.0250	<20.0	<25.0		<95.0	253
BH 26	8/19/2022	0.5	0.5	2.17							
	, ,	1	0.6	1.13							<40.0
			r refusal at 1 f		1 .	I -	1	ı	1	T	
		0	0.8	12.57	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	15,300
		0.5	0.6	4.95							
BH 27	8/19/2022	1	0.6	3.04							3,100
	, ,	2	0.4	1.42							1,240
		3	0.6	1.12							805
			r refusal at 3 f		I -	I	_	T -	_	T -	
	- 4: - 4	0	0.7	2.67	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	2,120
BH 28	8/19/2022	0.5	0.4	2.60						MRO Total TPH   ng/kg  mg/kg   100   <50.0  <95.0	1,170
			r refusal at 0.5		1	Т		1	ı	Т	T
BH 29	9/22/2022	0		2.33							626
	-, -,	hand auge	r refusal at <0	.5 feet bgs							



#### Table 3: Summary of Field Screening and Laboratory Analytical Results

	Sample	Depth of	Field Sc	reening	Metho	d 8021B		Metho	d 8015D		Method 300.0
Sample ID	Date	Sample (feet bgs)	VOCs by PID	EC	ВТЕХ	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Closure Criteria					50	10				100	600
		0		3.19							1,140
		1		1.88							
BH 30	9/22/2022	2		1.80						Total TPH g mg/kg 100	<200
		3		1.65							<100
		hand auge	r refusal at 3 f	eet bgs							
		0		2.24						< < < < < <	267
BH 31	9/22/2022	1		2.18							<200
BH 31	9/22/2022	2		2.27							<200
		hand auge	r refusal at 2 f	eet bgs	•	•					
BH 32	9/22/2022	0		2.14							<200
		1		2.18							
		2		2.20							<200
		3		1.24							60.2
		hand auger refusal at 3 feet bgs									
		0		2.29							<200
		1		2.14							
D11 22	0/22/2022	2		2.08							<200
BH 33	9/22/2022	3		2.19							
		4		2.24							<200
		hand auge	r refusal at 4 f	eet bgs		1					
		0		2.09							123
		1		2.19							<200
BH 34	9/22/2022	2		1.68							
		2.5		2.06							<200
			r refusal at 2.5		1	1					
		0		1.84							<100
		1		1.43							
BH 35	9/22/2022	2		0.73							21.8
		3		0.60							<20.0
			r refusal at 3 f	eet bgs							

Notes: NMOCD - New Mexico Oil Conservation Division

VOCs - volitile organic compounds PID - photoionization detector ppm - parts per million

EC - electrical conductivity

mS - millisiemens

BTEX - benzene, toluene, ethylbenzene, and xylenes

GRO - gasoline range organics DRO - diesel range organics MRO - motor oil range organics TPH - total petroleum hydrocarbons mg/kg - milligram per kilogram bgs - below grade surface



	Sample	Depth of	Metho	d 8021B		Method	d 8015D		Method 300.0
Sample ID	Date	Sample (feet bgs)	ВТЕХ	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMO	CD Closure (	Criteria	50	10				100	600
CS-1	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-2	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-3	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-4	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-5	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-6	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-7	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-8	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-9	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-10	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-11	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-12	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-13	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-14	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-15	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-16	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-17	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-18	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-19	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-20	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-21	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-22	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-23	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-24	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-25	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-26	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-27	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-28	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-29	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-30	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-31	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-32	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-33	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-34	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-35	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-36	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-37	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-38	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS-39	5/19/2023	14	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0

Summary of Excavation Confirmation
Laboratory Analytical Results

	Sample	Depth of	Method 8021B			Method 300.0			
Sample ID	Sample Date	Sample (feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Closure Criteria		50	10		-		100	600	
CSW-1	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-2	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-3	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-4	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-5	5/19/2023	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-6	5/19/2023	14	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-7	5/19/2023	14	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-8	5/19/2023	14	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-9	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CSW-10	5/19/2023	1	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0

Notes: NMOCD - New Mexico Oil Conservation Division GRO - gasoline range organics

VOCs - volitile organic compounds

PID - photoionization detector

ppm - parts per million

EC - electrical conductivity

mS - millisiemens

DRO - diesel range organics

MRO - motor oil range organics

TPH - total petroleum hydrocarbons

mg/kg - milligram per kilogram

bgs - below grade surface

BTEX - benzene, toluene, ethylbenzene, and xylenes

# APPENDIX A COPY OF FORM C-141, CORRESPONDENCES

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

#### **Release Notification**

#### **Responsible Party**

Responsible Party					OGRID				
Contact Nam	ne			Contact Te	Contact Telephone				
Contact emai	il			Incident #	Incident # (assigned by OCD)				
Contact mail	ing address			1					
			Location	of Release So	ource				
Latitude				Longitude _					
			(NAD 83 in de	cimal degrees to 5 decim	nal places)				
Site Name				Site Type					
Date Release	Discovered			API# (if app	licable)				
Unit Letter	Section	Township	Range	Coun	ty	_			
X O									
Surface Owner		☐ Federal ☐ Tr	Nature and	d Volume of I		)			
Crude Oil		(s) Released (Select al Volume Release		calculations or specific	Volume Reco	e volumes provided below) overed (bbls)			
Produced	Water	Volume Release			Volume Recovered (bbls)				
		Is the concentrat	tion of total dissolwater >10,000 mg		Yes No				
Condensa	ite	Volume Release		2/1:	Volume Reco	overed (bbls)			
Natural G	fas	Volume Release	ed (Mcf)		Volume Reco	overed (Mcf)			
Other (describe) Volume/Weight Released (provide unit			e units)	Volume/Weight Recovered (provide units)					
Cause of Rel	ease								

Received by OCD: 6/29/2023 10:25:26 AM State of New Mexico
Page 2 Oil Conservation Division

	rage assent a
Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	nsible party consider this a major release?
19.15.29.7(A) NMAC?	
☐ Yes ☐ No	
If YES, was immediate notice given to the OCD? By whom? To wh	nom? When and by what means (phone email etc)?
in 123, was infinediate notice given to the OCD: By whom: 10 wi	ioni: when and by what means (phone, eman, etc):
Initial Ro	esponse
The responsible party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and	the environment.
Released materials have been contained via the use of berms or contained via the use of berms of the use of	likes, absorbent pads, or other containment devices.
All free liquids and recoverable materials have been removed and	d managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain	why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence re has begun, please attach a narrative of actions to date. If remedial within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), p.	efforts have been successfully completed or if the release occurred
I hereby certify that the information given above is true and complete to the	
regulations all operators are required to report and/or file certain release noti public health or the environment. The acceptance of a C-141 report by the C	OCD does not relieve the operator of liability should their operations have
failed to adequately investigate and remediate contamination that pose a thre addition, OCD acceptance of a C-141 report does not relieve the operator of	
and/or regulations.	
Printed Name:	
Signature: Kendra DeHoyos	Date:
email:	Telephone:
OCD Only	
Received by: Ramona Marcus	Date:

	Page 26 of 13
Incident ID	napp2204137742
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?	<50 (ft bgs)
Did this release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	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 X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well</li> <li>Field data</li> </ul>	ls.
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 NA	
Photographs including date and GIS information     Topographic/Aerial maps	
X Laboratory data including chain of custody	

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

Received by OCD: 6/29/2023 10:25:26 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 27 of 1	37
Incident ID	napp2204137742	
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: Dale Woodall	Title: Env. Professional					
Signature: Dala Woodall	Date: 6/29/2023					
email:dale.woodall@dvn.com	Telephone: <u>575-748-1838</u>					
OCD Only						
Received by:	Date:					

Remediation Plan Checklist: Each of the following items must be included in the plan.

	Page 28 of 13	37
Incident ID	napp2204137742	
District RP		
Facility ID		
Application ID		

#### **Remediation Plan**

<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>							
Deferral Requests Only: Each of the following items must be con-	firmed as part of any request for deferral of remediation.						
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.							
Extents of contamination must be fully delineated.							
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.						
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file of which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local limited Name:  Dale Woodall  Signature:  Dale Woodall  email:  dale.woodall@dvn.com	pertain release notifications and perform corrective actions for releases note of a C-141 report by the OCD does not relieve the operator of a and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of						
OCD Only							
Received by:	Date:						
☐ Approved ☐ Approved with Attached Conditions of	Approval						
Signature:	Date:						

Page 29 of 137

	1 180 2 0/ 10
Incident ID	napp2204137742
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 following it	tems must be included in the closure report.
X A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Signature: Dale Woodall	
email:dale.woodall@dvn.com	Telephone: 575-748-1838
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

#### NAPP2204137742

Spill Volume(Bbls) Calculator								
Inputs in blue, Outputs in red								
Contaminated Soil measurement								
Area (square feet)	Depth(inches)							
2091.576	0.250							
Cubic Feet of Soil Impacted	43.575							
Barrels of Soil Impacted	7.77							
Soil Type	Clay/Sand							
Barrels of Oil Assuming 100% Saturation	1.17							
Saturation Fluid present with shovel/backhoe								
Estimated Barrels of Oil Released	1.17							
Free Standing Fluid Only								
Area (square feet)	Depth(inches)							
2091.576	0.250							
Standing fluid	7.767							
Total fluids spilled	<u>8.932</u>							

Depth(Ft)	Width(Ft)	ength(Ft)				
		<u> </u>				
0.000	il Impacted	bic Feet of So				
0.00	Impacted	Barrels of Soil				
Clay/Sand	pe	Soil Type				
0.00	Assuming	Barrels of Oil				
with shovel/backhoe	Fluid present	Saturation Fluid pre				
0.00		Estimated Bar Relea				
fluid Only	Free Standing					
Depth(Ft)	Width(Ft)	Length(Ft)				
0.500	5.000	12				
5.336	ng fluid	Standing fluid				
5.336	ids spilled	Total fluids spilled				

#### Sarahmay Schlea

From: Ashley Maxwell

**Sent:** Tuesday, May 3, 2022 1:22 PM

**To:** Enviro, OCD, EMNRD

**Cc:** Woodall, Dale; Heather Woods; Sarahmay Schlea **Subject:** Extension Request napp2204137742 Coral PWU 28-27

Attachments: Coral\_SiteandSampleMap(Figure3).pdf; E202140 Envirotech3\_v15 FINAL 03 04 22 0827.pdf; E202141

Envirotech3\_v15 FINAL 03 04 22 1045.pdf

#### Good Afternoon,

On behalf of Devon, SMA is requesting a 90-day extension request for the napp2204137742 Coral PWU 28-27 located at 32.627864 -104.079651. Initial delineation sampling indicated that additional site characterization and excavation activity would be required to close the incident. I have included a figure detailing the sample locations on site and the corresponding lab reports. SMA is constructing a work plan for OCD submittal to address the incident.

Let me know if you have any questions.

Thanks, Ashley



Stronger Communities by Design



www.soudermiller.com

#### **Ashley Maxwell**

Project Scientist

Direct/Mobile: 505.320.8975

Office: 505.325.7535

401 W. Broadway

Farmington, New Mexico 87401

Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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Statement on Viruses and Harmful Software: While the message and attachment(s) have been scanned with anti-virus software, SMA does not guarantee that this message or any attachment(s) is free of computer viruses or other harmful software. SMA does not accept liability for any damages caused by any computer virus or other harmful software transmitted herewith.

 From:
 tom@pimaoil.com

 To:
 ocdonline@state.nm.us

Cc: "Gio PimaOil"

Subject: RE: Coral PWU 27-28 #11 NAPP2241137742 Sampling Confirmation

**Date:** Thursday, May 18, 2023 10:19:21 AM

#### Good morning,

Apologies, this notification is meant for the **Coral PWU 27-28 #11H**, incident ID **nAPP2241137742**. Time and date remain the same, very sorry for any inconvenience this may have caused. Please holler anytime if you have any questions.

#### THANK YOU,

*Tom Bynum*Cell – 580-748-1613
Office – 575-964-7740



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

**From:** Gio PimaOil <gio@pimaoil.com> **Sent:** Tuesday, May 16, 2023 3:28 PM

**To:** ocdonline@state.nm.us; Tom Pima Oil <tom@pimaoil.com>

Subject: Coral PWU 28-4 Battery NAPP2217839045 Sampling Confirmation

#### Good Afternoon,

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Coral PWU 28-4 Battery for incident NAPP2217839045. Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Friday, May 19, 2023. If you have any questions or concerns, please let me know. Thank you.

Project Manager

Gio Gomez

cell-806-782-1151 Office- 575-964-7740

Pima Environmental Services, LLC.

# APPENDIX B WATER WELL DATA



# 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)

<b>5</b> ,	,	٠.					U	, ,		<b>'</b>	•	,
	POD											
	Sub-		QC	Q						Depth	Depth	Water
POD Number	Code basin	County	64 1	6 4	Sec	Tws	Rng	X	Υ	Well	Water	Column
CP 00681	СР	ED	1 1	3	34	19S	29E	587230	3609127*			
CP 00741	СР	ED	1 3	2	34	19S	29E	588030	3609533* 🎒	230	60	170

Average Depth to Water: 60 feet

Minimum Depth: 60 feet

Maximum Depth: 60 feet

**Record Count: 2** 

**PLSS Search:** 

**Section(s):** 20, 21, 22, 27, **Township:** 19S **Range:** 29E

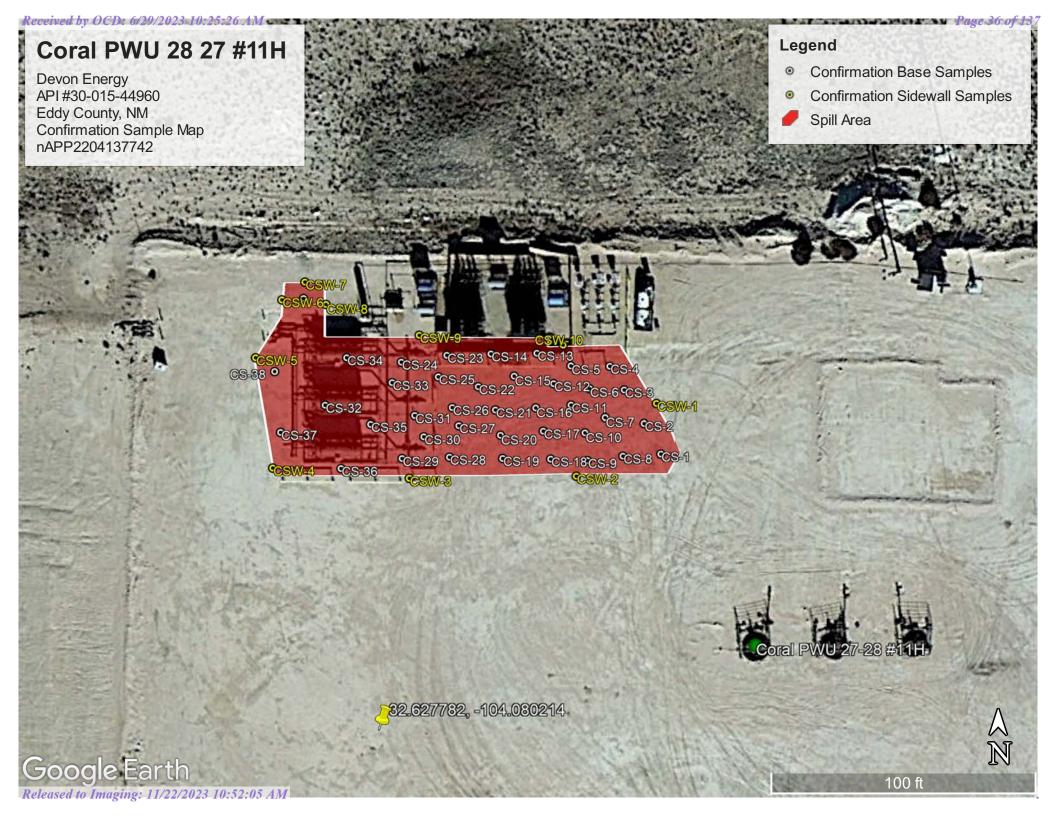
28, 29, 32, 33,

34

#### \*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.

# APPENDIX C FIELD NOTES AND PHOTOGRAPH LOG



Sample	Depth	Sample	Depth	Sample	Depth
CS-1	2'	CS-17	2'	CS-33	1'
CS-2	2'	CS-18	2'	CS-34	1'
CS-3	2'	CS-19	2'	CS-35	1'
CS-4	2'	CS-20	2'	CS-36	2'
CS-5	2'	CS-21	2'	CS-37	2'
CS-6	2'	CS-22	2'	CS-38	2'
CS-7	2'	CS-23	1'	CS-39	14'
CS-8	2'	CS-24	1'	CSW-1	2'
CS-9	2'	CS-25	2'	CSW-2	2'
CS-10	2'	CS-26	2'	CSW-3	2'
CS-11	2'	CS-27	2'	CSW-4	2'
CS-12	2'	CS-28	2'	CSW-5	2'
CS-13	1'	CS-29	2'	CSW-6	14'
CS-14	1'	CS-30	1'	CSW-7	14'
CS-15	2'	CS-31	1'	CSW-8	14'
CS-16	2'	CS-32	1'	CSW-9	1'
				CSW-10	1'

Approximately 520 cubic yards of contaminated soil was hauled to Lea Land, LLC.

#### **EXCAVATION ACTIVITIES**



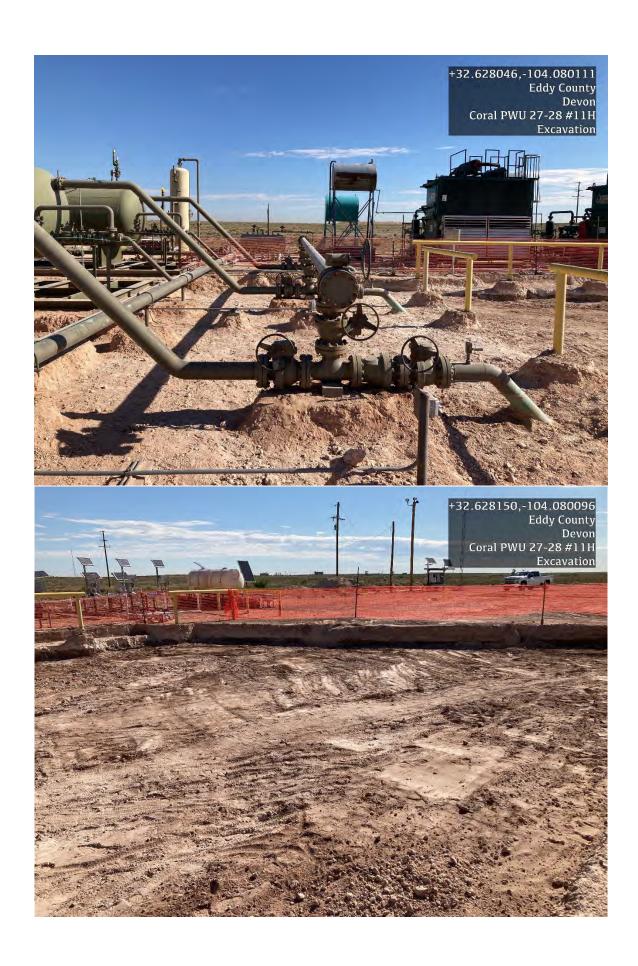


## **EXCAVATION ACTIVITIES**







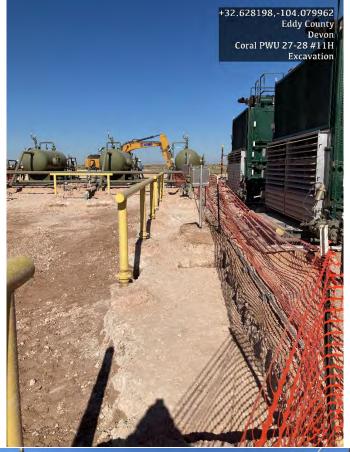




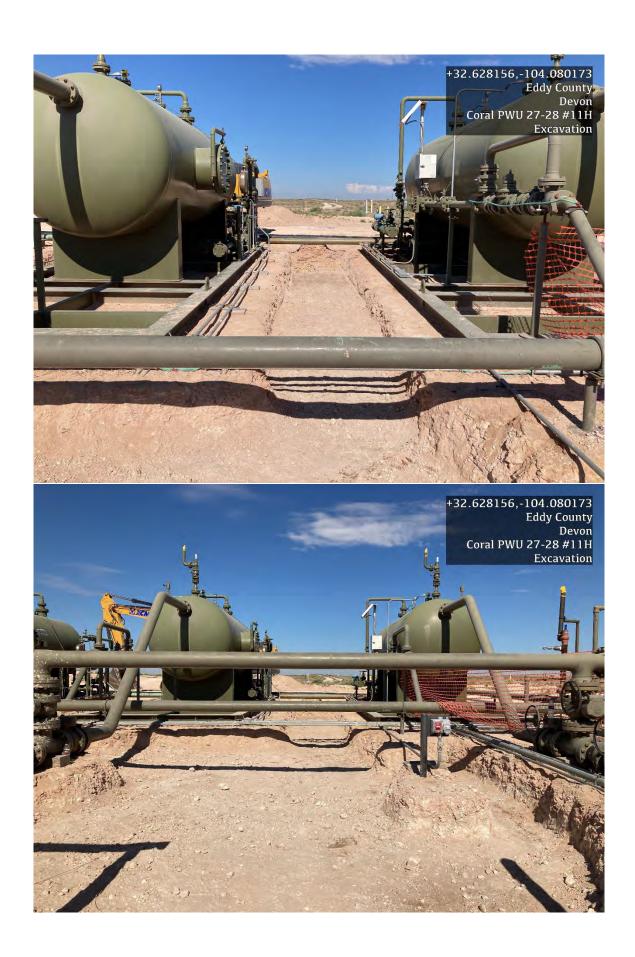








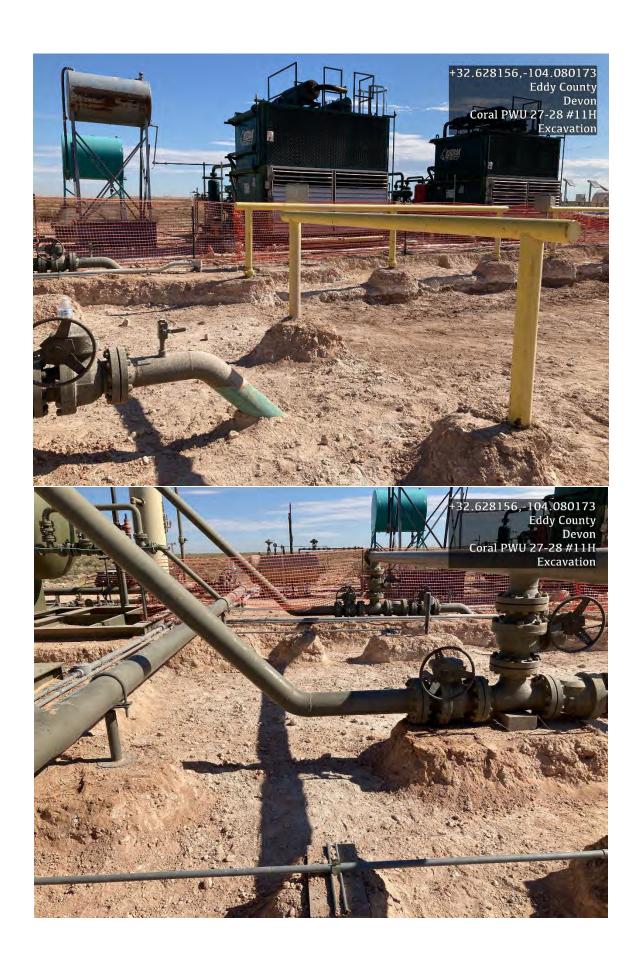






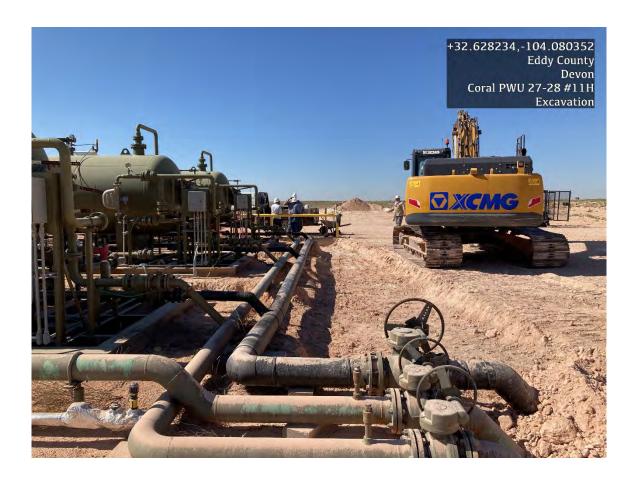












# APPENDIX D SAMPLING PROTOCOL



## **Sampling Protocol**

The soil samples will be collected in laboratory supplied containers in accordance with this sampling protocol, immediately placed on ice and sent under standard chain-of-custody protocols to Envirotech laboratories located in Farmington, New Mexico for analysis. Samples will be collected for laboratory analysis including chloride using United States Environmental Protection Agency (USEPA) Method 300.0; total benzene, toluene, ethylbenzene and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

## **Sampling Analysis Field Quality Assurance Procedures**

A unique sample numbering will be used to identify each sample collected and designated for on-site field screening and off-site laboratory analysis. The purpose of this numbering scheme is to provide a tracking system for the retrieval of analytical and field data on each sample. Sample identification numbers will be recorded on sample labels or tags, field notes, chain-of-custody records (COC) and all other applicable documentation used during the project. Sample labels will be affixed to all sample containers during sampling activities. Information will be recorded on each sample container label at the time of sample collection. The information recorded on the labels will be as follows: sample identification number; sample type (discrete or composite); site name and area/location number; analysis to be performed; type of chemical preservative present in container; date and time of sample collection; and sample collector's name and initials. All samples will be packed in ice in an approved rigid body container, custody sealed signed and shipped to the appropriate laboratory via insured currier service.

COC procedures implemented for the project provide documentation of the handling of each sample from the time of collection until completion of laboratory analysis. A COC form serves as a legal record of possession of the sample. A sample is considered to be under custody if one or more of the following criteria are met: the sample is in the sampler's possession; the sample is in the sampler's view after being in possession; the sample was in the sampler's possession and then was placed into a locked area to prevent tampering; and/or the sample is in a designated secure area. Custody will be documented throughout the project field sampling activities by a chain-of custody form initiated each day during which samples are collected. Container custody seals placed on either individual samples or on the rigid body container will be used to ensure that no sample tampering occurs between the time the samples are placed into the containers and the time the containers are opened for analysis at the laboratory. Container custody seals were signed and dated by the individual responsible for completing the COC form included within the container.

## APPENDIX E LABORATORY ANALYTICAL 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

#001H

Project Name:

Coral PWU 28 27 #11H

Work Order:

E305128

Job Number:

01058-0007

Received:

5/23/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/24/23

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

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

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

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

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

Date Reported: 5/24/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Coral PWU 28 27 #11H

Workorder: E305128

Date Received: 5/23/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/23/2023 7:00:00AM, under the Project Name: Coral PWU 28 27 #11H.

The analytical test results summarized in this report with the Project Name: Coral PWU 28 27 #11H 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** 

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

Rayny Hagan Technical Representative

West Texas Midland/Odessa Area

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



## **Table of Contents**

٦	itle Page	1
(	Cover Page	2
7	able of Contents	3
5	Sample Summary	5
5	Sample Data	6
	CS-1	6
	CS-2	7
	CS-3	8
	CS-4	9
	CS-5	10
	CS-6	11
	CS-7	12
	CS-8	13
	CS-9	14
	CS-10	15
	CS-11	16
	CS-12	17
	CS-13	18
	CS-14	19
	CS-15	20
	CS-16	21
	CS-17	22
	CS-18	23
	CS-19	24
	CS-20	25

## Table of Contents (continued)

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

## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/24/23 14:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E305128-01A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-2	E305128-02A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-3	E305128-03A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-4	E305128-04A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-5	E305128-05A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-6	E305128-06A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-7	E305128-07A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-8	E305128-08A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-9	E305128-09A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-10	E305128-10A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-11	E305128-11A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-12	E305128-12A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-13	E305128-13A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-14	E305128-14A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-15	E305128-15A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-16	E305128-16A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-17	E305128-17A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-18	E305128-18A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-19	E305128-19A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-20	E305128-20A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## CS-1

		E303120-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		89.5 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## CS-2

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		92.1 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## **CS-3**

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		87.9 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## CS-4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		92.5 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2321022
	ND			05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## **CS-5**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		112 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2321022
	ND	20.0		05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## **CS-6**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		114 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2321022
	ND			05/23/23	05/23/23	•



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## **CS-7**

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		105 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## **CS-8**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		92.3 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2321022
			·	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## CS-9

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		96.0 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	•



## **Sample Data**

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## **CS-10**

E305128-10										
Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2321019				
Benzene	ND	0.0250	1	05/23/23	05/23/23					
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23					
Toluene	ND	0.0250	1	05/23/23	05/23/23					
o-Xylene	ND	0.0250	1	05/23/23	05/23/23					
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23					
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23					
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	05/23/23	05/23/23					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2321019				
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23					
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	05/23/23	05/23/23					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2321016				
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23					
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23					
Surrogate: n-Nonane		94.9 %	50-200	05/23/23	05/23/23					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2321022				
Chloride	ND	20.0	1	05/23/23	05/23/23					



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

## **CS-11**

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg		Analyst: IY			Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg mg/kg Analyst: KM		Batch: 2321016			
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		94.9 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg mg/kg		Analyst: BA			Batch: 2321022
<del></del>	ND	20.0		05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-12**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		95.9 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-13**

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		95.4 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	<del>-</del>



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-14**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		94.8 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2321022



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-15**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		95.2 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

### **CS-16**

	Panartina				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2321019
ND	0.0250	1	05/23/23	05/23/23	
ND	0.0250	1	05/23/23	05/23/23	
ND	0.0250	1	05/23/23	05/23/23	
ND	0.0250	1	05/23/23	05/23/23	
ND	0.0500	1	05/23/23	05/23/23	
ND	0.0250	1	05/23/23	05/23/23	
	106 %	70-130	05/23/23	05/23/23	
mg/kg mg/kg		Analyst: IY			Batch: 2321019
ND	20.0	1	05/23/23	05/23/23	
	91.8 %	70-130	05/23/23	05/23/23	
mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2321016
ND	25.0	1	05/23/23	05/23/23	
ND	50.0	1	05/23/23	05/23/23	
	99.7 %	50-200	05/23/23	05/23/23	
		A	-1		Batch: 2321022
mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2321022
	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           106 %           mg/kg         mg/kg           ND         20.0           91.8 %         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           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         05/23/23           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0500         1         05/23/23           ND         0.0250         1         05/23/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/23/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/23/23           ND         25.0         1         05/23/23           ND         50.0         1         05/23/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           ND         0.0500         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/23/23         05/23/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/23/23         05/23/23           ND         25.0         1         05/23/23         05/23/23           ND         50.0         1         05/23/23         05/23/23



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-17**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg		Analyst: IY			Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		99.4 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-18**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Ana	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		93.6 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-19**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Ana	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		101 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

#### **CS-20**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	An	alyst: IY		Batch: 2321019
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2321019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2321016
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		99.5 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2321022
Chloride	ND	20.0	1	05/23/23	05/23/23	



		QC S	umm	пу рас	a				
Pima Environmental Services-Carlsba PO Box 247	ıd	Project Name: Project Number:	01	oral PWU 28 1058-0007	27 #11H				Reported:
Plains TX, 79355-0247		Project Manager:	To	om Bynum					5/24/2023 2:48:21PM
		Volatile O	rganics l	oy EPA 802	21B				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 (2321019-BLK1)							Prepared: 0	5/23/23 A	Analyzed: 05/23/23
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	8.41		8.00		105	70-130			
LCS (2321019-BS1)							Prepared: 0	5/23/23 A	Analyzed: 05/23/23
Benzene	4.36	0.0250	5.00		87.2	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.1	70-130			
Toluene	4.67	0.0250	5.00		93.4	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
o,m-Xylene	9.32	0.0500	10.0		93.2	70-130			
Total Xylenes	14.1	0.0250	15.0		94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.46		8.00		106	70-130			
Matrix Spike (2321019-MS1)				Source:	E305128-	07	Prepared: 0	5/23/23 A	Analyzed: 05/23/23
Benzene	4.36	0.0250	5.00	ND	87.2	54-133			
Ethylbenzene	4.51	0.0250	5.00	ND	90.1	61-133			
Toluene	4.67	0.0250	5.00	ND	93.4	61-130			
o-Xylene	4.78	0.0250	5.00	ND	95.6	63-131			
o,m-Xylene	9.33	0.0500	10.0	ND	93.3	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.54		8.00		107	70-130			
Matrix Spike Dup (2321019-MSD1)				Source:	E305128-	07	Prepared: 0	5/23/23 A	Analyzed: 05/23/23
Benzene	4.28	0.0250	5.00	ND	85.6	54-133	1.83	20	
Ethylbenzene	4.42	0.0250	5.00	ND	88.5	61-133	1.85	20	
Toluene	4.58	0.0250	5.00	ND	91.6	61-130	1.88	20	
o-Xylene	4.68	0.0250	5.00	ND	93.6	63-131	2.09	20	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	63-131	2.03	20	
Total Vylanas	12 9	0.0250	15.0	ND	02.2	62 121	2.05	20	



13.8

8.60

0.0250

15.0

8.00

ND

92.2

63-131

70-130

2.05

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

Plains TX, 79355-0247		Project Manager		m Bynum				:	5/24/2023 2:48:21PN
	Nor	nhalogenated	Organics l	by EPA 80	15D - Gl	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 (2321019-BLK1)							Prepared: 0	5/23/23 An	nalyzed: 05/23/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			
LCS (2321019-BS2)							Prepared: 0	5/23/23 An	nalyzed: 05/23/23
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			
<b>Matrix Spike (2321019-MS2)</b>				Source:	E305128-	07	Prepared: 0	5/23/23 An	nalyzed: 05/23/23
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			
Matrix Spike Dup (2321019-MSD2)				Source:	E305128-	07	Prepared: 0	5/23/23 An	nalyzed: 05/23/23
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	2.24	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 2:48:21PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/24/2023 2:48:21PN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - 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 (2321016-BLK1)							Prepared: 0	5/23/23	Analyzed: 05/23/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			
LCS (2321016-BS1)							Prepared: 0	5/23/23	Analyzed: 05/23/23
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
Surrogate: n-Nonane	46.8		50.0		93.5	50-200			
Matrix Spike (2321016-MS1)				Source:	E305128-1	10	Prepared: 0	5/23/23	Analyzed: 05/23/23
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.2	38-132			
Surrogate: n-Nonane	46.8		50.0		93.7	50-200			
Matrix Spike Dup (2321016-MSD1)				Source:	E305128-1	10	Prepared: 0	5/23/23	Analyzed: 05/23/23
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	38-132	0.139	20	
Surrogate: n-Nonane	44.8		50.0		89.5	50-200			

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Coral PWU 28 2 1058-0007 Com Bynum	27 #11H				<b>Reported:</b> 5/24/2023 2:48:21PM
		Anions 1	by EPA	300.0/9056	4				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2321022-BLK1)							Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	ND	20.0							
LCS (2321022-BS1)							Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2321022-MS1)				Source:	E305128-0	1	Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2321022-MSD1)				Source:	E305128-0	1	Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	252	20.0	250	ND	101	80-120	0.381	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:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/24/23 14:48

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



**Project Information** 

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Client: Pin	na Envi	ronmen	tal Servi	ces	SELECT TO SELECT	В	ill To		10111		La	ıb Us	e Onl	У	A10. 1578		_		TAT		EPA P	rogram
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Project Ma					Addı				E	305	128				000							
Address: 5						State, Zip	189						Analys	sis an	d Meth	od		_				RCRA
City, State,			И. 88240		Pho				W.S.				- "					- 1			C1-1-	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/OR	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		0	BGDOC				Remarks	
8:00 5	1/19/23	\$	1	C5-1			- W. (1970)	1								×						
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**Project Information** 

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Page 88 of 137

Printed: 5/23/2023 10:31:15AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Phone   1973   631-9077   Date   Logged In:   0522323   1579 (10 day TAT)   Logged In By:   Catilin Mass   Date   Date	Client:	Pima Environmental Services-Carlsbad	Date Received:	05/23/23	07:00	Work Order ID:	E305128
Email: to om/@jimanul.com	Phone:	(575) 631-6977	Date Logged In:	05/22/23	15:59	Logged In By:	Caitlin Mars
Chain of Custody (COC)  1. Does the sample ID match the COC? 2. Does the number of sample sper sampling site location match the COC 4. Was the COC complete, i.e., signatures, datest times, requested analyses? 4. Was the COC complete, i.e., signatures, datest times, requested analyses? 5. Were all samples received within holding time? Note Analysis, such as plit which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.  Sample Turn Armoul Time (TMT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. Kiryse, was cooler received? 9. Was the sample for exited in good condition? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Lews the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C Note: Thermal preservation is not required, if samples are received win 15 minutes of sampling. 13. If no visible ice, record the temperature. Actual sample temperature: 4°C 15. Are VOC samples collected in VOA Vials? 16. Is the head space leas than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample (o) correctly preserved? 23. Le lab filteration required and for requested for dissolved metals? 24. Le lab filteration required and for requested for dissolved metals? 25. Does the Sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be nanalyzed? 28. Le a subcontract Laboratory. 28. Kan samples required to get sent to a subcontract laboratory specified by the client and if so who? 29. Was a subcontract Laboratory.						Dogged in Dy.	
9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC or field laber none phase, i.e., multiphase? 28. Are samples required to get sent to a subcontract laboratory? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who?  NA Subcontract Lab: na	Chain of  1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al  Sample T 6. Did the Sample C 7. Was a s	Custody (COC)  e sample ID match the COC?  e number of samples per sampling site location matamples dropped off by client or carrier?  e COC complete, i.e., signatures, dates/times, request a samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disuessicurn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?  sooler  ample cooler received?	ch the COC ted analyses?	Yes Yes Yes Yes Yes Yes		Project Coral PWU 28 separated into 2 reports	27 #11H has been due to sample
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	Client In	<u>struction</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

#001H

Project Name:

Coral PWU 28 27 #11H

Work Order:

E305129

Job Number:

01058-0007

Received:

5/23/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/24/23

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

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

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

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

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

Date Reported: 5/24/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Coral PWU 28 27 #11H

Workorder: E305129

Date Received: 5/23/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/23/2023 7:00:00AM, under the Project Name: Coral PWU 28 27 #11H.

The analytical test results summarized in this report with the Project Name: Coral PWU 28 27 #11H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS-21	6
CS-22	7
CS-23	8
CS-24	9
CS-25	10
CS-26	11
CS-27	12
CS-28	13
CS-29	14
CS-30	15
CS-31	16
CS-32	17
CS-33	18
CS-34	19
CS-35	20
CS-36	21
CS-37	22
CS-38	23
CS-39	24
CSW-1	25

# Table of Contents (continued)

	CSW-2	26
	CSW-3	27
	CSW-4	28
	CSW-5	29
	CSW-6	30
	CSW-7	31
	CSW-8	32
	CSW-9	33
	CSW-10	34
Q	C Summary Data	35
	QC - Volatile Organic Compounds by EPA 8260B	35
	QC - Nonhalogenated Organics by EPA 8015D - GRO	37
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	39
	QC - Anions by EPA 300.0/9056A	41
D	efinitions and Notes	43
С	nain of Custody etc.	44

### **Sample Summary**

Pima Environmental Services-CarlsbadProject Name:Coral PWU 28 27 #11HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum05/24/23 15:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-21	E305129-01A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-22	E305129-02A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-23	E305129-03A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-24	E305129-04A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-25	E305129-05A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-26	E305129-06A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-27	E305129-07A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-28	E305129-08A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-29	E305129-09A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-30	E305129-10A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-31	E305129-11A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-32	E305129-12A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-33	E305129-13A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-34	E305129-14A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-35	E305129-15A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-36	E305129-16A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-37	E305129-17A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-38	E305129-18A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CS-39	E305129-19A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-1	E305129-20A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-2	E305129-21A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-3	E305129-22A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-4	E305129-23A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-5	E305129-24A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-6	E305129-25A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-7	E305129-26A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-8	E305129-27A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-9	E305129-28A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.
CSW-10	E305129-29A	Soil	05/19/23	05/23/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

### CS-21 E305129-01

		2000127 01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dii	ution	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2321020
Benzene	ND	0.0250		1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		102 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		114 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		102 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		114 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		116 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2321023
Chloride	ND	20.0		1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

**CS-22** 

		Reporting					
Analyte	Result	Limit	Dilut	ion Prepa	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS			Batch: 2321020
Benzene	ND	0.0250	1	05/23	3/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23	3/23	05/23/23	
Toluene	ND	0.0250	1	05/23	3/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23	3/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23	3/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23	3/23	05/23/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/2	3/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/2.	3/23	05/23/23	
Surrogate: Toluene-d8		99.2 %	70-130	05/2	3/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS			Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23	3/23	05/23/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/2	3/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/2.	3/23	05/23/23	
Surrogate: Toluene-d8		99.2 %	70-130	05/2	3/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM			Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23	3/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23	3/23	05/23/23	
Surrogate: n-Nonane		111 %	50-200	05/2.	3/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS			Batch: 2321023
Amons by EPA 500.0/9050A	<u> </u>	<u> </u>					



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

**CS-23** 

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2321020
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene	·	104 %	70-130	05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	05/23/23	05/23/23	
Surrogate: Toluene-d8		88.0 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	05/23/23	05/23/23	
Surrogate: Toluene-d8		88.0 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		111 %	50-200	05/23/23	05/23/23	
	mg/kg	mg/kg	А	Analyst: RAS		Batch: 2321023
Anions by EPA 300.0/9056A	mg ng	88				



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### **CS-24**

		Reporting	Reporting							
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes				
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2321020				
Benzene	ND	0.0250	1	05/23/23	05/23/23					
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23					
Toluene	ND	0.0250	1	05/23/23	05/23/23					
o-Xylene	ND	0.0250	1	05/23/23	05/23/23					
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23					
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23					
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/23	05/23/23					
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	05/23/23	05/23/23					
Surrogate: Toluene-d8		107 %	70-130	05/23/23	05/23/23					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2321020				
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23					
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/23	05/23/23					
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	05/23/23	05/23/23					
Surrogate: Toluene-d8		107 %	70-130	05/23/23	05/23/23					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KM		Batch: 2321017				
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23					
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23					
Surrogate: n-Nonane		109 %	50-200	05/23/23	05/23/23					
	mg/kg	mg/kg	A	analyst: RAS		Batch: 2321023				
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Baten: 2321023				



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

**CS-25** 

		E305129-05					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	kKS		Batch: 2321020
Benzene	ND	0.0250	1	l	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	l	05/23/23	05/23/23	
Toluene	ND	0.0250	1	l	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	l	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	l	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	l	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		107 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R	kKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		107 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	CM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/23/23	05/23/23	
Surrogate: n-Nonane		111 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2321023
Chloride	ND	20.0	1	[	05/23/23	05/23/23	-



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

**CS-26** 

		E305129-06					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Benzene	ND	0.0250	1	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/23/23	05/23/23	
Surrogate: n-Nonane		106 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321023
Chloride	ND	20.0	1	1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

### **CS-27**

		E305129-07					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2321020
Benzene	ND	0.0250		1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		101 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		97.1 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		101 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		97.1 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		110 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2321023
Chloride	ND	20.0		1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### **CS-28**

		E305129-08						
Reporting								
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020	
Benzene	ND	0.0250	1	1	05/23/23	05/23/23		
Ethylbenzene	ND	0.0250	1	1	05/23/23	05/23/23		
Toluene	ND	0.0250	1	1	05/23/23	05/23/23		
o-Xylene	ND	0.0250	1	1	05/23/23	05/23/23		
p,m-Xylene	ND	0.0500	1	1	05/23/23	05/23/23		
Total Xylenes	ND	0.0250	1	1	05/23/23	05/23/23		
Surrogate: Bromofluorobenzene		85.3 %	70-130		05/23/23	05/23/23		
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/23/23	05/23/23		
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/23/23	05/23/23		
Surrogate: Bromofluorobenzene		85.3 %	70-130		05/23/23	05/23/23		
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/23/23	05/23/23		
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2321017	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/23/23	05/23/23		
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/23/23	05/23/23		
Surrogate: n-Nonane		110 %	50-200		05/23/23	05/23/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321023	
Chloride	ND	20.0	1	1	05/23/23	05/23/23		



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

CS-29 E305129-09

	1000111				
Result	Reporting Limit		on Prepared	Analyzed	Notes
mg/kg	mo/ko	A	•		Batch: 2321020
		1		05/23/23	Buttu 2021020
		1			
		1	05/23/23	05/23/23	
		1	05/23/23	05/23/23	
ND	0.0500	1	05/23/23	05/23/23	
ND	0.0250	1	05/23/23	05/23/23	
	103 %	70-130	05/23/23	05/23/23	
	106 %	70-130	05/23/23	05/23/23	
	99.9 %	70-130	05/23/23	05/23/23	
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2321020
ND	20.0	1	05/23/23	05/23/23	
	103 %	70-130	05/23/23	05/23/23	
	106 %	70-130	05/23/23	05/23/23	
	99.9 %	70-130	05/23/23	05/23/23	
mg/kg	mg/kg	A	nalyst: KM		Batch: 2321017
ND	25.0	1	05/23/23	05/23/23	
ND	50.0	1	05/23/23	05/23/23	
	105 %	50-200	05/23/23	05/23/23	
mg/kg	mg/kg	A	nalyst: RAS		Batch: 2321023
	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           IO3 %         106 %           99.9 %         mg/kg           ND         20.0           103 %         106 %           99.9 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0	mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           103 %         70-130           106 %         70-130           99.9 %         70-130           mg/kg         mg/kg         A           103 %         70-130           106 %         70-130           99.9 %         70-130           mg/kg         mg/kg         A           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0500         1         05/23/23           ND         0.0250         1         05/23/23           ND         70-130         05/23/23           106 %         70-130         05/23/23           99.9 %         70-130         05/23/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/23/23           106 %         70-130         05/23/23           99.9 %         70-130         05/23/23           99.9 %         70-130         05/23/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/23/23           ND         50.0         1         05/23/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           ND         0.0500         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           106 %         70-130         05/23/23         05/23/23           99.9 %         70-130         05/23/23         05/23/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/23/23         05/23/23           99.9 %         70-130         05/23/23         05/23/23           99.9 %         70-130         05/23/23         05/23/23           mg/kg



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

**CS-30** 

		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2321020
Benzene	ND	0.0250		1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		79.8 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		79.8 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		114 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2321023
Chloride	ND	20.0		1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

### CS-31

#### E305129-11 Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: RKS Batch: 2321020 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 05/23/23 ND 0.0250 05/23/23 Benzene 1 05/23/23 05/23/23 Ethylbenzene ND 0.0250ND 0.0250 05/23/23 05/23/23 Toluene 1 05/23/23 05/23/23 o-Xylene ND 0.025005/23/23 05/23/23 ND 0.0500 1 p,m-Xylene 05/23/23 1 05/23/23 Total Xylenes ND 0.0250 05/23/23 05/23/23 Surrogate: Bromofluorobenzene 103 % 70-130 Surrogate: 1,2-Dichloroethane-d4 109 % 70-130 05/23/2305/23/23 Surrogate: Toluene-d8 98.5 % 70-130 05/23/2305/23/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2321020 ND 1 05/23/23 05/23/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 103 % 05/23/23 05/23/23 70-130 109 % 05/23/23 05/23/23 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 05/23/23 05/23/23 98.5 % 70-130 mg/kg Analyst: KM Batch: 2321017 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 05/23/23 ND 25.0 1 05/23/23 Diesel Range Organics (C10-C28) ND 50.0 1 05/23/23 05/23/23 Oil Range Organics (C28-C36) 117% 50-200 05/23/2305/23/23Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2321023

20.0

ND

1

05/23/23

05/23/23

Chloride

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

**CS-32** 

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2321020
Benzene	ND	0.0250	1	05/2	3/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/2	3/23	05/23/23	
Toluene	ND	0.0250	1	05/2	3/23	05/23/23	
o-Xylene	ND	0.0250	1	05/2	3/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/2	3/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/2	3/23	05/23/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/2.	3/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/2.	3/23	05/23/23	
Surrogate: Toluene-d8		88.9 %	70-130	05/2.	3/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/2	3/23	05/23/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/2.	3/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/2.	3/23	05/23/23	
Surrogate: Toluene-d8		88.9 %	70-130	05/2.	3/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	05/2	3/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/2	3/23	05/23/23	
Surrogate: n-Nonane		112 %	50-200	05/2.	3/23	05/23/23	
		Л	,	Analyst: RAS			Batch: 2321023
Anions by EPA 300.0/9056A	mg/kg	mg/kg	F	Analyst: KAS			Batch: 2321023



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

**CS-33** 

E305129-13							
		Reporting					
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2321020	
Benzene	ND	0.0250	1	05/23/23	05/23/23		
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23		
Toluene	ND	0.0250	1	05/23/23	05/23/23		
o-Xylene	ND	0.0250	1	05/23/23	05/23/23		
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23		
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23		
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/23	05/23/23		
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	05/23/23	05/23/23		
Surrogate: Toluene-d8		99.6 %	70-130	05/23/23	05/23/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2321020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23		
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/23	05/23/23		
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	05/23/23	05/23/23		
Surrogate: Toluene-d8		99.6 %	70-130	05/23/23	05/23/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2321017	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23		
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23		
Surrogate: n-Nonane		113 %	50-200	05/23/23	05/23/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2321023	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### **CS-34**

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		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2321020
Benzene	ND	0.0250		1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		98.9 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg Analyst: RKS		: RKS		Batch: 2321020		
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		98.9 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2321017	
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		113 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2321023	
Chloride	ND	20.0		1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CS-35 E305129-15

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Benzene	ND	0.0250	1	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		108 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		108 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/23/23	05/23/23	
Surrogate: n-Nonane		105 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321023
						05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

CS-36

		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2321020
Benzene	ND	0.0250		1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		115 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2321023

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CS-37 E305129-17

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Benzene	ND	0.0250	1	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/23/23	05/23/23	-
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/23/23	05/23/23	
Surrogate: n-Nonane		116 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	·	Analyst:	RAS		Batch: 2321023
Chloride	ND	20.0	1	1	05/23/23	05/23/23	



Surrogate: Toluene-d8

### Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### **CS-38** E305129-18

#### Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: RKS Batch: 2321020 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 05/23/23 05/23/23 ND 0.0250 Benzene 05/23/23 1 05/23/23 Ethylbenzene ND 0.0250ND 0.02501 05/23/23 05/23/23 Toluene 1 05/23/23 05/23/23 ND o-Xylene 0.02501 05/23/23 05/23/23 ND 0.0500 p,m-Xylene 05/23/23 05/23/23 1 Total Xylenes ND 0.025005/23/23 05/23/23 Surrogate: Bromofluorobenzene $108\,\%$ 70-130 05/23/23 Surrogate: 1,2-Dichloroethane-d4 99.2 % 70-130 05/23/23Surrogate: Toluene-d8 106 % 70-130 05/23/2305/23/23Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2321020 ND 1 05/23/23 05/23/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 108 % 05/23/23 05/23/23 70-130 99.2 % 05/23/23 05/23/23 Surrogate: 1,2-Dichloroethane-d4 70-130 05/23/23

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		116 %	50-200	05/23/23	05/23/23	
Anions by EPA 300 0/9056A	mg/kg	mg/kg	An	nalyst: RAS		Batch: 2321023

106 %

70-130

05/23/23

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	RAS		Batch: 2321023
Chloride	ND	20.0	1	05/23/23	05/23/23	

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

CS-39 E305129-19

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Benzene	ND	0.0250	1	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/23/23	05/23/23	
Surrogate: n-Nonane		116 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2321023
		20.0			05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-1 E305129-20

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2321020
Benzene	ND	0.0250	1		05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1		05/23/23	05/23/23	
Toluene	ND	0.0250	1		05/23/23	05/23/23	
o-Xylene	ND	0.0250	1		05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1		05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1		05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2321020
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	KM		Batch: 2321017
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/23	05/23/23	
Surrogate: n-Nonane		111 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	RAS		Batch: 2321023
	ND	20.0	1		05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-2 E305129-21

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2321021
Benzene	ND	0.0250		1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		98.8 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		98.8 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		93.7 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2321024
					05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-3 E305129-22

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2321021
Benzene	ND	0.0250		1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		101 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		98.9 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		101 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		98.9 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		92.0 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2321024
	ND	20.0		1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-4

#### E305129-23

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2321021
Benzene	ND	0.0250	1	05/23/23	3 05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	3 05/23/23	
Toluene	ND	0.0250	1	05/23/23	3 05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	3 05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	3 05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	3 05/23/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/2	3 05/23/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/23/2.	3 05/23/23	
Surrogate: Toluene-d8		95.2 %	70-130	05/23/2.	3 05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	3 05/23/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/23	3 05/23/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/23/2	3 05/23/23	
Surrogate: Toluene-d8		95.2 %	70-130	05/23/2.	3 05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	3 05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	3 05/23/23	
Surrogate: n-Nonane		97.2 %	50-200	05/23/2	3 05/23/23	
A:	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2321024
Anions by EPA 300.0/9056A						



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-5 E305129-24

		2000127 2 .					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2321021
Benzene	ND	0.0250		1	05/23/23	05/23/23	Butch: 2321021
Ethylbenzene	ND	0.0250		1	05/23/23	05/23/23	
Toluene	ND	0.0250		1	05/23/23	05/23/23	
o-Xylene	ND	0.0250		1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500		1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		107 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		107 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/23	05/23/23	
Surrogate: n-Nonane		95.3 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2321024
Chloride	ND	20.0		1	05/23/23	05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

### CSW-6

		E305129-25				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2321021
Benzene	ND	0.0250	1	05/23/2	3 05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/2	3 05/23/23	
Toluene	ND	0.0250	1	05/23/2	3 05/23/23	
o-Xylene	ND	0.0250	1	05/23/2	3 05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/2	3 05/23/23	
Total Xylenes	ND	0.0250	1	05/23/2	3 05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/2	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	05/23/2	05/23/23	
Surrogate: Toluene-d8		106 %	70-130	05/23/2	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/2	3 05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/2	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	05/23/2	3 05/23/23	
Surrogate: Toluene-d8		106 %	70-130	05/23/2	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/2	3 05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/2	3 05/23/23	
Surrogate: n-Nonane		114 %	50-200	05/23/2	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2321024
Chloride	ND	20.0	1	05/23/2	3 05/23/23	



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

### CSW-7

		E305129-26				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2321021
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/23	05/23/23	
Surrogate: Toluene-d8		104 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/23	05/23/23	
Surrogate: Toluene-d8		104 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		111 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2321024
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Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-8

E30512	9-27
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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	analyst: RKS		Batch: 2321021
Benzene	ND	0.0250	1	05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/23/23	05/23/23	
Toluene	ND	0.0250	1	05/23/23	05/23/23	
o-Xylene	ND	0.0250	1	05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene	·	107 %	70-130	05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: RKS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/23	05/23/23	
Surrogate: Toluene-d8		105 %	70-130	05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: KM		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
Surrogate: n-Nonane		108 %	50-200	05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: RAS		Batch: 2321024
Allions by EFA 500.0/9050A						



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-9

#### E305129-28

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2321021
Benzene	ND	0.0250	1		05/23/23	05/23/23	
Ethylbenzene	ND	0.0250	1		05/23/23	05/23/23	
Toluene	ND	0.0250	1		05/23/23	05/23/23	
o-Xylene	ND	0.0250	1		05/23/23	05/23/23	
p,m-Xylene	ND	0.0500	1		05/23/23	05/23/23	
Total Xylenes	ND	0.0250	1		05/23/23	05/23/23	
Surrogate: Bromofluorobenzene	·	106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2321021
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/23/23	05/23/23	
Surrogate: Bromofluorobenzene		106 %	70-130		05/23/23	05/23/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/23	05/23/23	
Surrogate: Toluene-d8		106 %	70-130		05/23/23	05/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	M		Batch: 2321018
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/23	05/23/23	
Surrogate: n-Nonane		104 %	50-200		05/23/23	05/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2321024
Allions by ETA 300.0/3030A							



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

#### CSW-10 E305129-29

Result			tion	Prepared	Analyzed	Notes
Result	Limit			•	Zillaryzed	
mg/kg	mg/kg	A	Analyst: RK	S		Batch: 2321021
ND	0.0250	1		05/23/23	05/23/23	
ND	0.0250	1		05/23/23	05/23/23	
ND	0.0250	1		05/23/23	05/23/23	
ND	0.0250	1		05/23/23	05/23/23	
ND	0.0500	1		05/23/23	05/23/23	
ND	0.0250	1		05/23/23	05/23/23	
	107 %	70-130		05/23/23	05/23/23	
	99.9 %	70-130		05/23/23	05/23/23	
	106 %	70-130		05/23/23	05/23/23	
mg/kg	mg/kg	A	Analyst: RK	S		Batch: 2321021
ND	20.0	1		05/23/23	05/23/23	
	107 %	70-130		05/23/23	05/23/23	
	99.9 %	70-130		05/23/23	05/23/23	
	106 %	70-130		05/23/23	05/23/23	
mg/kg	mg/kg	A	Analyst: KN	ſ		Batch: 2321018
ND	25.0	1		05/23/23	05/23/23	
ND	50.0	1	1	05/23/23	05/23/23	
	106 %	50-200		05/23/23	05/23/23	
mg/kg	mg/kg		Analyst: RA	S		Batch: 2321024
ND	20.0	1	Į.	05/23/23	05/23/23	_
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         0.0250           MD         20.0250           Mg/kg         mg/kg           ND         20.0           107 %         99.9 %           106 %         106 %           mg/kg         mg/kg           ND         25.0           ND         50.0           106 %         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           107 %         70-130           99.9 %         70-130           106 %         70-130           mg/kg         mg/kg           ND         20.0           106 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           106 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: RK           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130         1           99.9 %         70-130         70-130           mg/kg         mg/kg         Analyst: RK           ND         20.0         1           107 %         70-130         70-130           mg/kg         mg/kg         Analyst: RK           ND         25.0         1           ND         25.0         1           ND         50.0         1           106 %         50-200           mg/kg         Mg/kg         Analyst: RK	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0500         1         05/23/23           ND         0.0250         1         05/23/23           ND         0.0250         1         05/23/23           99.9 %         70-130         05/23/23           106 %         70-130         05/23/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/23/23           107 %         70-130         05/23/23           99.9 %         70-130         05/23/23           106 %         70-130         05/23/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/23/23           ND         50.0         1         05/23/23           mg/kg         mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/23/23         05/23/23           ND         0.0500         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           ND         0.0250         1         05/23/23         05/23/23           99.9 %         70-130         05/23/23         05/23/23           99.9 %         70-130         05/23/23         05/23/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/23/23         05/23/23           99.9 %         70-130         05/23/23         05/23/23           99.9 %         70-130         05/23/23         05/23/23           mg/kg         mg/kg         Analyst: RM           ND         25.0         1



Pima Environmental Services-CarlsbadProject Name:Coral PWU 28 27 #11HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum5/24/2023 3:31:19PM

Plains TX, 79355-0247		Project Manage	r: To	om Bynum				5/2	24/2023 3:31:19PM
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
,	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2321020-BLK1)							Prepared: 0:	5/23/23 Anal	yzed: 05/23/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.540		0.500		108	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
LCS (2321020-BS1)							Prepared: 0	5/23/23 Anal	yzed: 05/23/23
Benzene	2.19	0.0250	2.50		87.5	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Toluene	2.32	0.0250	2.50		93.0	70-130			
o-Xylene	2.36	0.0250	2.50		94.5	70-130			
p,m-Xylene	3.79	0.0500	5.00		75.7	70-130			
Total Xylenes	6.15	0.0250	7.50		82.0	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.540		0.500		108	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			
Matrix Spike (2321020-MS1)				Source:	E305129-	08	Prepared: 0:	5/23/23 Anal	yzed: 05/23/23
Benzene	2.22	0.0250	2.50	ND	88.8	48-131			
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135			
Toluene	2.43	0.0250	2.50	ND	97.3	48-130			
o-Xylene	2.56	0.0250	2.50	ND	102	43-135			
o,m-Xylene	4.87	0.0500	5.00	ND	97.4	43-135			
Fotal Xylenes	7.43	0.0250	7.50	ND	99.1	43-135			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.538		0.500		108	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			
Matrix Spike Dup (2321020-MSD1)				Source:	E305129-	08	Prepared: 0:	5/23/23 Anal	yzed: 05/23/23
Benzene	2.23	0.0250	2.50	ND	89.1	48-131	0.382	23	
Ethylbenzene	2.58	0.0250	2.50	ND	103	45-135	1.13	27	
Toluene	2.46	0.0250	2.50	ND	98.4	48-130	1.08	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	0.623	27	
p,m-Xylene	4.90	0.0500	5.00	ND	97.9	43-135	0.512	27	
Total Xylenes	7.47	0.0250	7.50	ND	99.6	43-135	0.550	27	
Surrogate: Bromofluorobenzene	0.616		0.500		123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.529		0.500		106	70-130			
=									

0.500

99.5

70-130

0.498

Surrogate: Toluene-d8

Coral PWU 28 27 #11H Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 5/24/2023 3:31:19PM **Volatile Organic Compounds by EPA 8260B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2321021-BLK1) Prepared: 05/23/23 Analyzed: 05/23/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.519 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.505 0.500 101 70-130 0.500 105 70-130 Surrogate: Toluene-d8 0.525 LCS (2321021-BS1) Prepared: 05/23/23 Analyzed: 05/23/23 2.72 0.0250 2.50 109 70-130 Benzene 2.70 2.50 108 70-130 Ethylbenzene 0.0250 2.74 0.0250 2.50 110 70-130 2.94 70-130 0.0250 2.50 117 o-Xylene 5.77 5.00 115 70-130 p,m-Xylene 0.0500 8.71 0.0250 7.50 116 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.533 0.500 107 70-130 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.513 70-130 Surrogate: Toluene-d8 0.529 0.500 Matrix Spike (2321021-MS1) Source: E305129-27 Prepared: 05/23/23 Analyzed: 05/23/23 2.22 0.0250 2.50 ND 89.0 48-131 45-135 Ethylbenzene 2.19 0.0250 2.50 ND 87.6 2.22 48-130 Toluene 0.0250 2.50 ND 88.8 2.40 0.0250 2.50 ND 96.0 43-135 o-Xylene 4.70 ND 94.0 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.10 0.0250 7.50 ND 94.7 43-135 109 Surrogate: Bromofluorobenzene 0.546 0.500 70-130

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

102

99.8

100

108

107

107

108

99.9

Source: E305129-27

ND

ND

ND

ND

ND

ND

70-130

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

11.5

12.3

12.4

11.5

12.7

12.3



Prepared: 05/23/23 Analyzed: 05/23/23

23

27

24

27

27

27

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2321021-MSD1)

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

0.510

0.524

2.50

2.51

2.69

5.34

8.03

0.539

0.500

0.526

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Coral PWU 28 27 #11HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum5/24/2023 3:31:19PM

Plains TX, 79355-0247		Project Manager		m Bynum					5/24/2023 3:31:19PN
	Non	halogenated (	Organics l	by EPA 80	15D - Gl	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2321020-BLK1)							Prepared: 0	5/23/23 A	nalyzed: 05/23/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.540		0.500		108	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
LCS (2321020-BS2)							Prepared: 0	5/23/23 A	nalyzed: 05/23/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		82.1	70-130			
Surrogate: Bromofluorobenzene	0.467		0.500		93.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.537		0.500		107	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			
Matrix Spike (2321020-MS2)				Source:	E305129-	08	Prepared: 0	5/23/23 A	nalyzed: 05/23/23
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.554		0.500		111	70-130			
Surrogate: Toluene-d8	0.398		0.500		79.6	70-130			
Matrix Spike Dup (2321020-MSD2)				Source:	E305129-	08	Prepared: 0	5/23/23 A	nalyzed: 05/24/23
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.7	70-130	16.4	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			

0.500

0.500

0.548

110

94.1

70-130

70-130

Pima Environmental Services-CarlsbadProject Name:Coral PWU 28 27 #11HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum5/24/2023 3:31:19PM

Nonhalogenated Organics by EPA 8015D - GRO
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Ana	lvst.	S

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2321021-BLK1)						F	Prepared: 0	5/23/23 Analy	yzed: 05/23/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS (2321021-BS2)						F	Prepared: 0	5/23/23 Analy	yzed: 05/23/23
Gasoline Range Organics (C6-C10)	59.6	20.0	50.0		119	70-130			
Surrogate: Bromofluorobenzene	0.549		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

Matrix Spike (2321021-MS2)		Source:	E305129-	27	Prepared: 05/23/23 Analyzed: 05/23/23		
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	70-130	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130	
Surrogate: Toluene-d8	0.538		0.500		108	70-130	

Matrix Spike Dup (2321021-MSD2)				Source: E305129-27			Prepared: 05/23/23 Analyzed: 05/23/2		
Gasoline Range Organics (C6-C10)	58.8	20.0	50.0	ND	118	70-130	1.74	20	
Surrogate: Bromofluorobenzene	0.547		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.545		0.500		109	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				5	/24/2023 3:31:19PM
	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 (2321017-BLK1)							Prepared: 0	5/23/23 Ana	alyzed: 05/23/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.4		50.0		117	50-200			
LCS (2321017-BS1)							Prepared: 0	5/23/23 Ana	alyzed: 05/23/23
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	55.1		50.0		110	50-200			
Matrix Spike (2321017-MS1)				Source:	E305129-	01	Prepared: 0	5/23/23 Ana	alyzed: 05/23/23
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	58.4		50.0		117	50-200			
Matrix Spike Dup (2321017-MSD1)				Source:	E305129-	01	Prepared: 0	5/23/23 Ana	alyzed: 05/23/23
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	38-132	4.83	20	
Surrogate: n-Nonane	60.1		50.0		120	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Coral PWU 28 27 #11H	Reported:
PO Box 247	Project Number:	01058-0007	·
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					5/24/2023 3:31:19PN
	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 (2321018-BLK1)							Prepared: 0:	5/23/23 Ar	nalyzed: 05/23/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	54.3		50.0		109	50-200			
LCS (2321018-BS1)							Prepared: 0:	5/23/23 Ar	nalyzed: 05/23/23
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
urrogate: n-Nonane	51.4		50.0		103	50-200			
Matrix Spike (2321018-MS1)				Source:	E305129-	29	Prepared: 0	5/23/23 Ar	nalyzed: 05/23/23
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132			
urrogate: n-Nonane	51.9		50.0		104	50-200			
Matrix Spike Dup (2321018-MSD1)				Source:	E305129-	29	Prepared: 0:	5/23/23 Ar	nalyzed: 05/23/23
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	0.184	20	
'urrogate: n-Nonane	51.0		50.0		102	50-200			

Chloride

# **QC Summary Data**

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Coral PWU 28 27 #11H 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 3:31:19PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				5/2	4/2023 3:31:19PM
Anions by EPA 300.0/9056A Analyst: I									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2321023-BLK1)							Prepared: 0	5/23/23 Anal	yzed: 05/23/23
Chloride	ND	20.0							
LCS (2321023-BS1)							Prepared: 0	5/23/23 Anal	yzed: 05/23/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2321023-MS1)				Source:	E305129-	01	Prepared: 0	5/23/23 Anal	yzed: 05/23/23
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2321023-MSD1)				Source:	E305129-	01	Prepared: 0	5/23/23 Anal	yzed: 05/23/23

250

80-120

0.223

20.0



Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	oral PWU 28 2 1058-0007 om Bynum	27 #11H				Reported: 5/24/2023 3:31:19PM
<u> </u>		Anions l	by EPA	300.0/9056A	<b>\</b>				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2321024-BLK1)							Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	ND	20.0							
LCS (2321024-BS1)							Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2321024-MS1)				Source:	E305129-2	21	Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2321024-MSD1)				Source:	E305129-2	21	Prepared: 0	5/23/23	Analyzed: 05/23/23
Chloride	257	20.0	250	ND	103	80-120	1.69	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:	Coral PWU 28 27 #11H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/24/23 15:31

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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1/22/2023 10:5	
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1/22/2023 10:52:	
1/22/2023 10:52:6	
1/22/2023 10:52:0.	
1/22/2023 10:52:05	
1/22/2023 10:52:0.	

**Project Information** 

Chain of Custody

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Page	)	of	0

Received by OCD: 6/29/2023 10:25:26 AM

Client: Pi	ma Envi	ronment	tal Servi	ces	100	Bill To			154		La	b Us	e Only	у				TA	Т	EPA F	rogram
Project: (	Coral	AWU	282	7#11#		ntion: Devon			Lab	WQ#	100		Job Number			1D	2D	3D	Standard	CWA	SDWA
Project M						ress:			<u> </u>	b WO# 3 05 29 Job Number 0.105 8 - COST											RCRA
Address: City, State					Pho	State, Zip							Analysis and Metho			T	Γ	ГТ			HCHA
Phone: 5			VI. 00240		Ema				2	5										State	-
Email: to			n				10.0	(cont)	y 801	y 801	-	0		0.0		5		NM CO UT AZ TX			
Report du					Pin	na Project# /-/	120	(SMA)	RO b	RO b	y 802	826	6010	le 30		NN	¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			NORTH NEW YORK WHILE THE PARTY AND A PROPERTY AND A	Lab Number	DRO/ORO by	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0	1	BGDOC	BGDOC			Remark	
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9:45				CS-2	2			2						1	_						
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10:00				CS-25	5			5						_		$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$					
10:05				CS-24	2			6													
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10:20				CS-29				9													
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Additiona	al Instruc	ions:		Billing	- 21	003929	TA	ciden	+	_	NA	IPP	22	04	137	75	12				
10000000000000000000000000000000000000						hat tampering with or intentional Sampled by:	1 1 . 5	·	10 -				packed			np above	0 but le	ess than 6	eived on ice the i		pled or received
Relinquishe	d by: (Signa	Ada 1	nu S	/22/23 Time 2	Oom	Received by: (Signature)	2/	Date 5.22	23	Time	14	00	Rece	eived	on ice:	(	ab U	se On I	ly		
Relinquishe	d by: (Signa	Lune!	Date 5	22.23 Time	130	Received by: (Signature)  Received by: (Signature)  Received by: (Signature)  Physical March 1997  Received by: (Signature)  Physical March 1997  Received by: (Signature)	Não	Date 5-22	2.23	Time	Ba	2	<u>T1</u>			<u>T2</u>			<u>T3</u>		
Relinguishe	Cy (Sign	ture)	Date 5	·22.23 2	400	Received by: (Signature)		5 23/2	13	Time 7	:00		AVG	Tem	p°C	4.0	Toman e				
Sample Matr	ix Soil Sc	- Solid, Sg -	Sludge, A - /	Aqueous, O - Other	X	001		Containe	r Typ	eB-	glass,	-p - p	oly/pl	astic,	ag - am	per gla	ass, v	- VOA			
Moto, Samp	des are disc	arded 20 d	lays ofter re	raults are reported . or ofer all yother lab	unless other	or arrangements are made. In this COC The Hability of th	Hazardous: le laboration	samples will r is limited t	l be re o the	turne amou	d to cl nt paid	ient o d for o	ir dispo on the r	sed of report.	at the cl	ent ex	pense	. The r	report for the	analysis of th	e above

Page 133 of 137

oject Information					Chain of Custody												rage/_ oi _c		
Client: Pima Environmental Services  Project: Coral Awa 28 27 #11#  Project Manager: Tom Bynum  Address: 5614 N. Lovington Hwy.					Attention: Seven Address: City, State, Zip				E 305/29 0105			umber <b>4-007</b> is and Metho	X		A Grant Co.	andard	Page	SDWA RCRA	
City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Phone: Email: Pima Project # /-/2		0RO by 8015	RO by 8015	y 8021	/ 8260	6010	Chloride 300.0	NM 3	¥		им со	State UT AZ	TX	
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/O	GRO/DRO	втех ь	VOC by 8260	Metals 6010	Chloric	BGDOC	верос		32	Remarks		
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dditional Instructi			Billin	9-	21003929 -	Incide.	+	- ,	NA	PP	22	04137	74	12		A			
(field sampler), attest to t	he validity	and authenti	city of this sam	ole. I am aw	rare that tampering with or intentionally misl on. Sampled by: Au As	labelling the sampl	e locati	on,			7.	s requiring thermal in ice at an avg ten						oled or receiv	
Curine f	dan	Date	22/23	ime ZDO	Received by: (Signature)	Date 5, 22.		Time	100	)	Rece	ived on ice:	G	ab Use V/N	Only				
elinquished by: (Signat		Date	22.23	ime 1730	Received by: (Signature)  ANOW MUSS	5.2	2.22	Time	0		<u>T1</u>		<u>T2</u>			<u>T3</u>			
Market by: Signat	ure) WSo	Date	.22.23	7400	Received by: (Signature)	5 23		Time	00		AVG	Temp °C	f. 0						

Page 134 of 137

Re		
eased to	Project In	formation
7	Client: P	ima Envir
		Coral
<u>.</u>		Nanager: 7
9		5614 N. I
7		e, Zip Hol
)		580-748-1
2		tom@pim
92	Report d	
3 10:	Time Sampled	Date Sampled
<b>-</b> 71	NAME AND ADDRESS OF THE OWNER, THE PARTY OF	mentioned and president and president and

Chain of Custody

Page <u>5</u> of <u>5</u>

Received by OCD: 6/29/2023 10:25:26 AM

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ddress: 5614 N. lity, State, Zip Ho	Lovingtobbs. NN	on Hwy.		City, Phor	State, Zip ne:		<u></u>			F	Analy	sis an	d Meth	od	T			State	RCRA
hone: 580-748- mail: tom@pin eport due by:		n		Pim	il: a Project #	O(SMA)	RO by 8015	RO by 8015	втех by 8021	,8260	6010	de 300.0		ΣN	X		им со	State UT AZ	TX
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/O	GRO/D	BTEX b	VOC by 8260	Metals 6010	Chlòride		BGDOC	BGDOC			Remarks	
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dditional Instruc		TANK CASTANAN			003929 7				NA								and and the the design	thou are came	ad as sasaiyas
			ticity of this sample. I a may be grounds for lega	al action.	at tampering with or intentionally mislabe Sampled by: Au As i	Benevi	dei	Z			packed	d in ice a	t an avg te	mp above	e 0 but 1	ess than	ceived on ice the day 6 °C on subsequent d		ed of received
elinquished by: (Signature)	dam		/22/23 Time 2 &	20	Received by: (Signature)	5.22	<b>Z</b> 3	Z3 1400 Time			Rece	eived	on ice	: (	Lab U	se Or N	nly		
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elizquished by: (Siggr Ardlew V	ature) Wab	Date	5.22.23 Th	400	Received by: (Signature)	5/23/	13	Time	1:00		AVG	i Tem	p °C_	4.0	To as in the said	111,130,380,997	Makes and John Company Annies of America		
ample Matrix Soll S lete: Samples are dis-	d - Solid, Sg - carded 30 c	Sludge, A -	Aqueous, O - Other	35	airangements are made. Hazarder	Contains	er Typ	CB-	glass, d to cli	p - po ent or	oly/p dispo	lastic, osed o	ag - an	nber gl	ass, v pense	- VOA The	report for the an	alysis of the	above
	ada to the	e io io la	norder <sup>et</sup> ly distribu	relay will	this COC. The Tability of the laborat	ory is finited	io the	amou	nt paid	for o	n the	report							
										100	Name .	j.		No.		1000	IOI	S COLUMN	
					Page	46 of 47													

Printed: 5/23/2023 10:34:24AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	3				· ·	
Client:	Pima Environmental Services-Carlsbad	Date Received:	05/23/23	07:00	Work Order ID: E30	05129
Phone:	(575) 631-6977	Date Logged In:	05/22/23	16:00	Logged In By: Car	itlin Mars
Email:	tom@pimaoil.com	Due Date:	05/23/23	17:00 (0 day TAT)		
1. Does th 2. Does th 3. Were sa	Custody (COC)  The sample ID match the COC? The number of samples per sampling site location matching the dependence of the control of the co		Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes	ı	<u>Comments/Re</u>	solution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project Coral PWU 28 27 #	11H has been
	•		105		separated into 2 reports due	
Sample C 7. Was a s	ample cooler received?		Yes		volume. Workorders are as	-
	was cooler received in good condition?		Yes			ioliows.
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		E305128 & E305129.	
	custody/security seals present?		No			
	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample C	container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Sa D	oel_ field sample labels filled out with the minimum info. mple ID? ate/Time Collected? ollectors name?	rmation:	Yes No No			
	reservation		NO			
	the COC or field labels indicate the samples were pro-	eserved?	No			
	imple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
26. Does t	se Sample Matrix the sample have more than one phase, i.e., multiphas		No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	o: NA	
Client In	struction					

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 234357

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	234357
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	11/22/2023