Page 1 of 96

Incident ID nAPP2303756344
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 in	tems must be included in the closure report.
X A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
X 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	
may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
email:dale.woodall@dvn.com	Telephone: 575-748-1839
OCD Only	
Received by:Jocelyn Harimon	Date:05/19/2023
	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: <u>Robert Hamlet</u>	Date:10/12/2023
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced

	Page 2 of 9	96
Incident ID	nAPP2303756344	
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 🗓 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🛣 No
Are the lateral extents of the release within 300 feet of a wetland?	Yes No
Are the lateral extents of the release overlying a subsurface mine?	Yes No
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes No
Are the lateral extents of the release within a 100-year floodplain?	Yes No
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination 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.	
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination 	ls.
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	

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.

Photographs including date and GIS information

Laboratory data including chain of custody

X Boring or excavation logs

X Topographic/Aerial maps

Received by OCD: 5/18/2023 4:09:31 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 3 of	96
Incident ID	nAPP2303756344	
District RP		
Facility ID		
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. Dale Woodall Title: Environmental Professional Printed Name: Signature: Dale Woodall Date: 5/18/2023 email: dale.woodall@dvn.com Telephone: 575-748-1839 **OCD Only** Jocelyn Harimon Date: 05/19/2023 Received by:

Page 4 of 96

	0 2
Incident ID	nAPP2303756344
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	items must be included in the closure report.
X A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
x Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
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 compliance with any other federal, state, or local laws and/or regul restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13 N	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
email:dale.woodall@dvn.com	Telephone: 5/5-/48-1839
OCD Only	
Received by: Jocelyn Harimon	Date:05/19/2023
	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:



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

May 8, 2023

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

Re: Site Assessment, Remediation and Closure Report

Onyx 29 CTB 1 API No. N/A

GPS: Latitude 32.634866, Longitude -104.102087

UL "E," Sec.29, T19S, R29E

Eddy County, NM

NMOCD Ref. No. NAPP2303756344

Devon Energy Production Company (Devon) has contracted Pima Environmental Services LLC, (Pima) to perform a spill assessment and has prepared this Closure Report for a crude oil release that occurred at the Onyx 29 CTB 1 (Onyx). The initial C-141 was submitted on February 21, 2023 (Appendix C). This incident was assigned Incident ID NAPP2303756344, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Onyx is located approximately fourteen (14) miles northeast of Carlsbad, NM. This spill site is in Unit E, Section 29, Township 19S, Range 29E, Latitude 32.634866, Longitude -104.102087, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Piedmont alluvial deposits Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soils in this area are made up of Reeves-Gypsum land complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a high potential for karst geology to be present around the Coral (Figure 3).

According to the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this area is 75 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 66 feet BGS. The closest waterway is a Salt Playa located approximately 8.21 miles to the southwest of this location. See Appendix A for referenced water surveys.

	Table 1	NMAC and Closure C	riteria 19.15.29		
Depth to		Cons	tituent & Limits		
Groundwater (Appendix B)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' High Karst	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100′	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100′	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic map.

Release Information

<u>NAPP2303756344</u> On February 5, 2023, a sight glass on a 3-phase separator broke causing fluid to be released. The released fluids were calculated to be approximately 13.6 barrels (bbls) of crude oil, Vacuum truck was able to recover approximately 12 bbls of crude oil.

Site Assessment and Soil Sampling Results

On March 3, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

3/3/23 Soil Sample Results

NM	OCD Table 1		Criteria 19.1				dwater is <50))
		DEV	ON ENERGY	r - ONYX I	WU 29 CTI	B 1		
Sample Date	: 3/3/2023		1	NM Appro	ults			
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	1'	8.61	ND	144	18000	4490	22642.61	359
S-1	3'	ND	ND	ND	98	57	155	ND
	4'	0.129	ND	ND	ND	ND	0.129	ND
	1'	9.71	ND	167	18300	5670	24146.71	ND
S-2	3'	ND	ND	ND	536	215	751	ND
	4'	ND	ND	ND	ND	ND	0	ND
	1'	10.2	ND	178	16700	4980	21868.2	ND
S-3	3'	ND	ND	ND	158	100	258	ND
	4'	ND	ND	ND	ND	ND	0	ND
	1'	0.222	ND	ND	2350	785	3135.222	ND
S-4	3'	ND	ND	ND	542	259	801	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW-1	6"	ND	ND	ND	ND	ND	0	ND
SW-2	6"	ND	ND	ND	ND	ND	0	ND
SW-3	6"	ND	ND	ND	ND	ND	0	ND
SW-4	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Activities

On April 12, 2023, the Devon Construction Department mobilized personnel and equipment to conduct remedial activities. They excavated the areas from S-1 through S 4 to a depth of 4' BGS. Pima personnel collected samples to verify all contaminated soil had been removed. Approximately 52 cubic yards of soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On April 16, 2023, after sending a 48-hour notification (Appendix C), Pima began collecting confirmation samples of the affected areas. The laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 5.

4/16/2023 Confirmation Samples Results

NM	OCD Table 1	Closure (Criteria 19.:	15.29 NM	AC (Depth	to Ground	dwater is <50))
		DEV	ON ENERGY	r - ONYX I	PWU 29 CT	B 1		
Sample Date 4/16/2023	:			NM Appr	oved Labor	atory Res	ults	
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS 1	4'	ND	ND	ND	ND	ND	0	ND
CS 2	4'	ND	ND	ND	ND	ND	0	ND
CS 3	4'	ND	ND	ND	ND	ND	0	ND
CSW 1	4'	ND	ND	ND	ND	ND	0	ND
CSW 2	4'	ND	ND	ND	ND	ND	0	ND
CSW 3	4'	ND	ND	ND	ND	ND	0	ND
CSW 4	4'	ND	ND	ND	ND	ND	0	ND
CSW 5	4'	ND	ND	ND	ND	ND	0	ND
CSW 6	4'	ND	ND	ND	ND	ND	0	ND
CSW 7	4'	ND	ND	ND	ND	ND	0	ND
CSW 8	4'	ND	ND	ND	ND	ND	0	ND
CSW 9	4'	ND	ND	ND	ND	ND	0	ND

ND-Analyte Not Detected

Complete laboratory results can be found in Appendix E.

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

Closure Request

After careful review, Pima requests that this incident NAPP2303756344 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 575-964-7740 or gio@pimaoil.com.

Respectfully,

Gio Gomez

Gio Gomez Project Manager

Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

Appendix A - Referenced Water Surveys

Appendix B - Soil Survey and Geological Data

Appendix C - C-141 Form & 48 Hr. Notification

Appendix D - Photographic Documentation

Appendix E - Laboratory Reports



Figures:

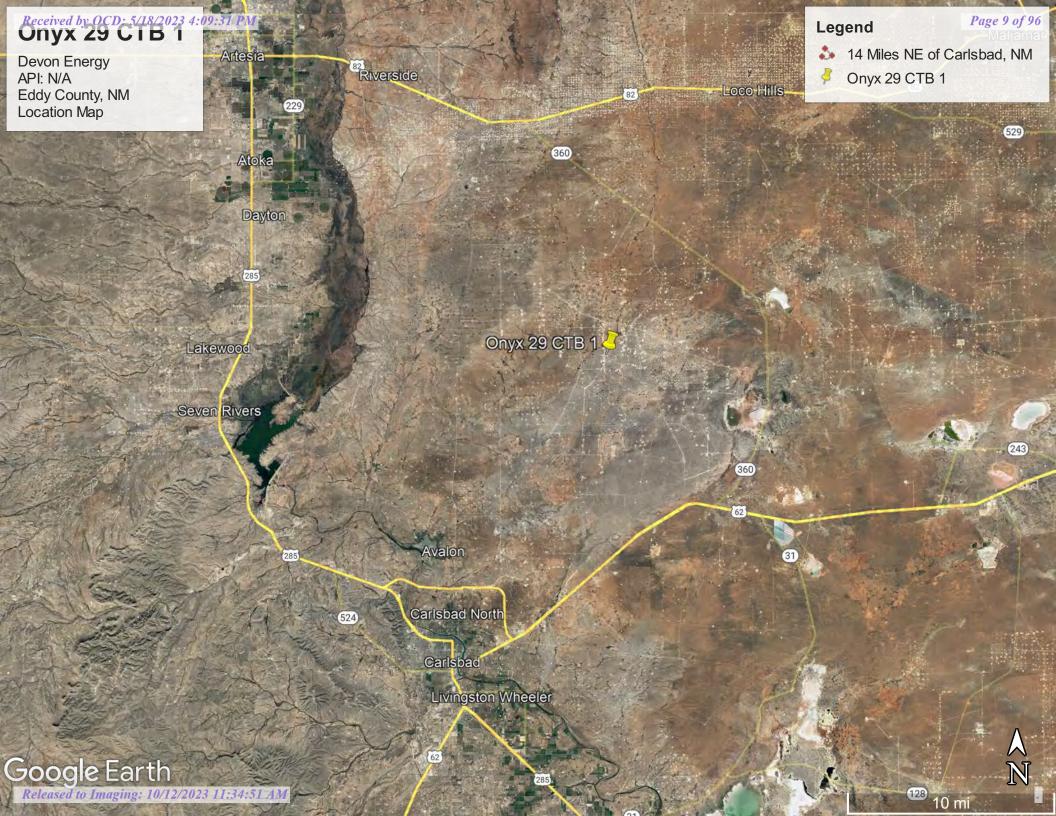
1-Location Map

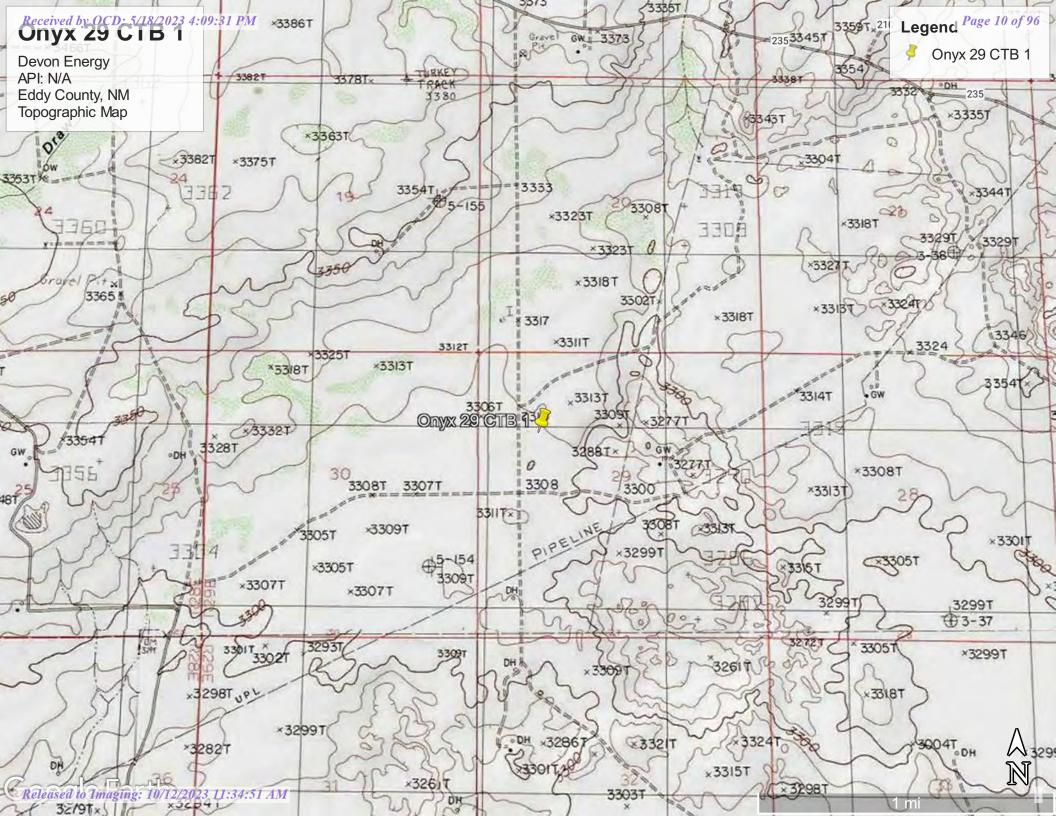
2-Topographic Map

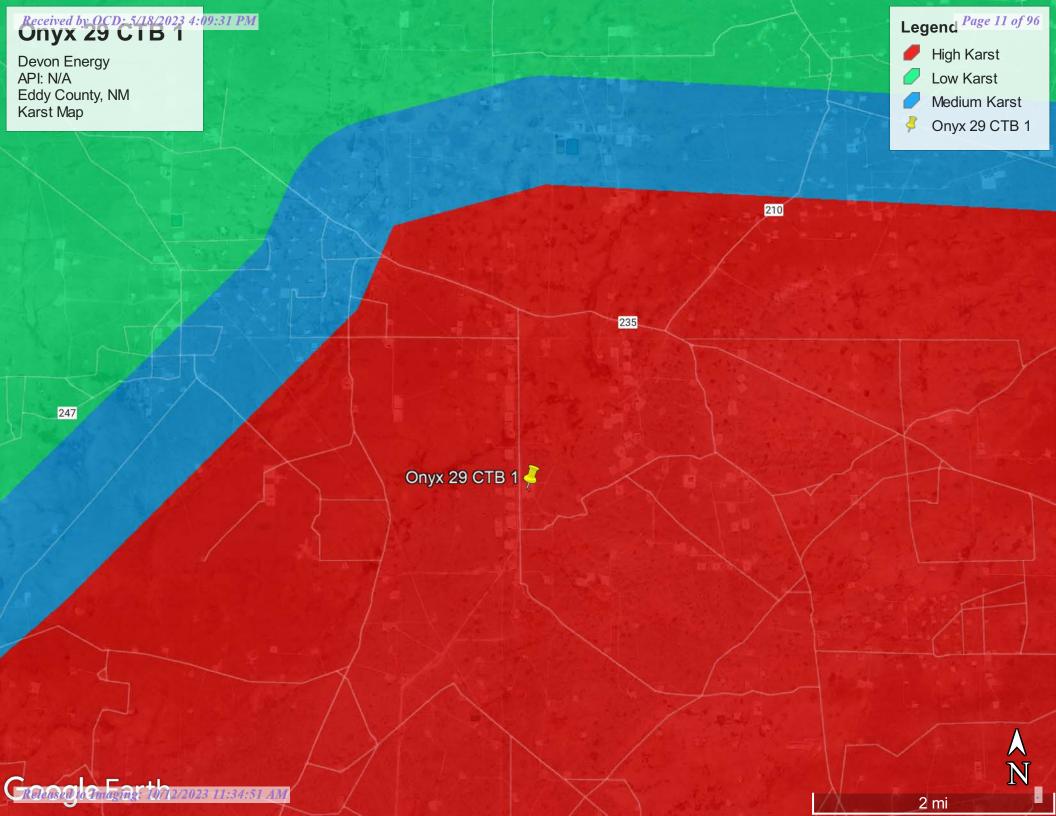
3-Karst Map

4-Site Map

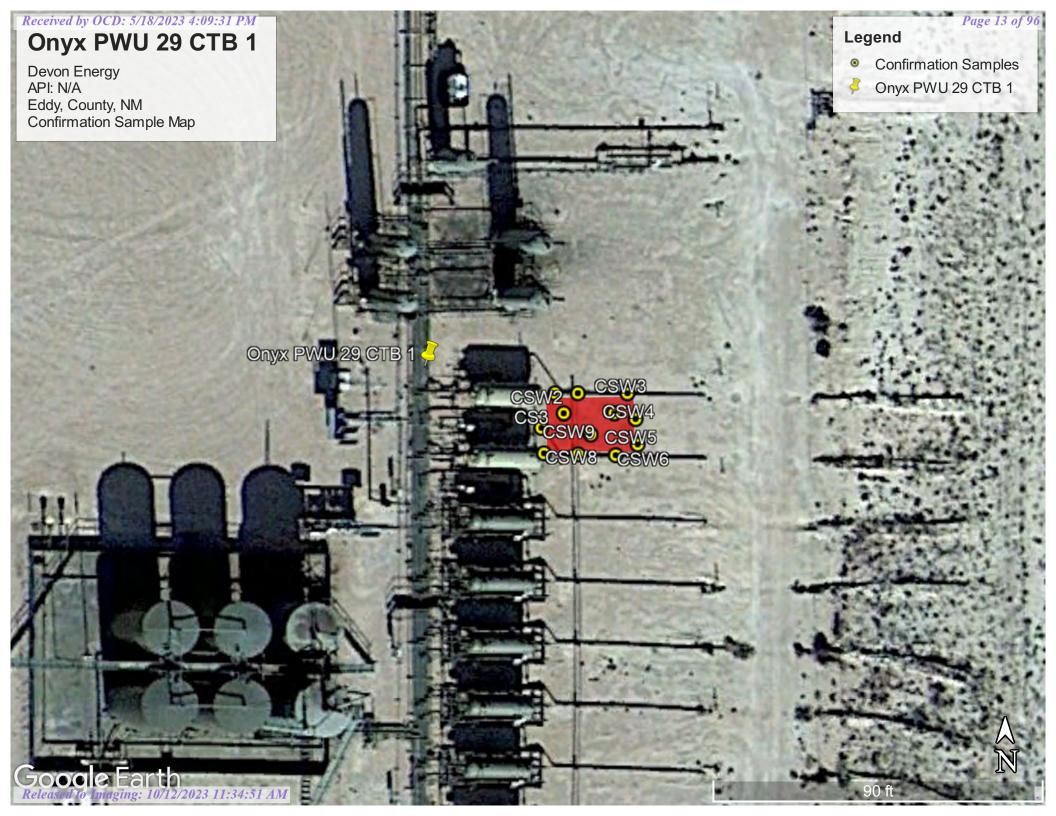
5-Confirmation Sample Map













Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

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

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

(In feet)

		POD Sub-		Δ	Δ.	\sim								***	E7 4
POD Number	Code		County	_	Q 16	_	Sec	Tws	Rng	X	Y	DistanceDep	othWellDep		Vater olumn
<u>CP 01231 POD1</u>		CP	ED	4	4	2	36	19S	28E	582311	3609372	2622	300	75	225
<u>CP 01090 POD1</u>		CP	LE		1	2	31	20S	33E	586045	3608526	3205			
<u>CP 00830 POD1</u>		CP	LE		2	1	04	20S	29E	586118	3608193*	3523	120		
<u>CP 00681</u>		CP	ED	1	1	3	34	19S	29E	587230	3609127*	3630			
<u>CP 00743 POD1</u>		CP	ED		2	4	05	20S	29E	585319	3607382*	3937	160		
<u>CP 00741</u>		CP	ED	1	3	2	34	19S	29E	588030	3609533*	4139	230	60	170
<u>CP 00698 POD1</u>		CP	ED		3	1	03	20S	29E	587393	3608010	4470			
<u>CP 00926 POD1</u>		CP	LE	2	1	4	01	20S	28E	581793	3607405	4477	300		
<u>CP 00646</u>		CP	ED	1	1	4	07	19S	29E	583155	3615551	4515	199	150	49

Average Depth to Water:

95 feet

Minimum Depth:

60 feet

Maximum Depth:

150 feet

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 584225.41 **Northing (Y):** 3611164.67 **Radius:** 5000

 ${}^{\star}\mathrm{UTM}$ 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.

3/14/23 4:27 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

323900104052901

Minimum number of levels = 1

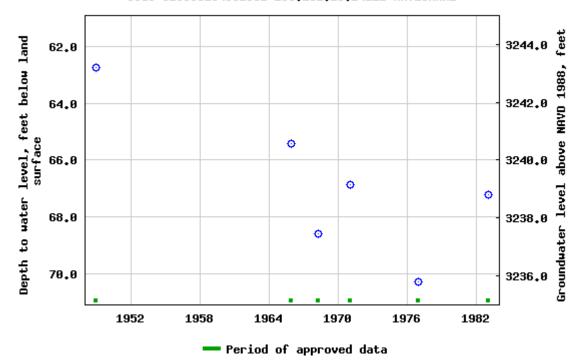
Save file of selected sites to local disk for future upload

USGS 323900104052901 19S.29E.20.24111 RATLSNAKE

Eddy County, New Mexico
Hydrologic Unit Code 12060011
Hydrologic Unit Code 13060011
Latitude 32°39'00", Longitude 104°05'29" NAD27
Land-surface elevation 3,306 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquife
This well is completed in the Rustler Formation (312RSLR) local aquifer.

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

USGS 323900104052901 195,29E,20,24111 RATLSNAKE



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

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility

FOIA

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Policies and Notices

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

Title: Groundwater for USA: Water Levels

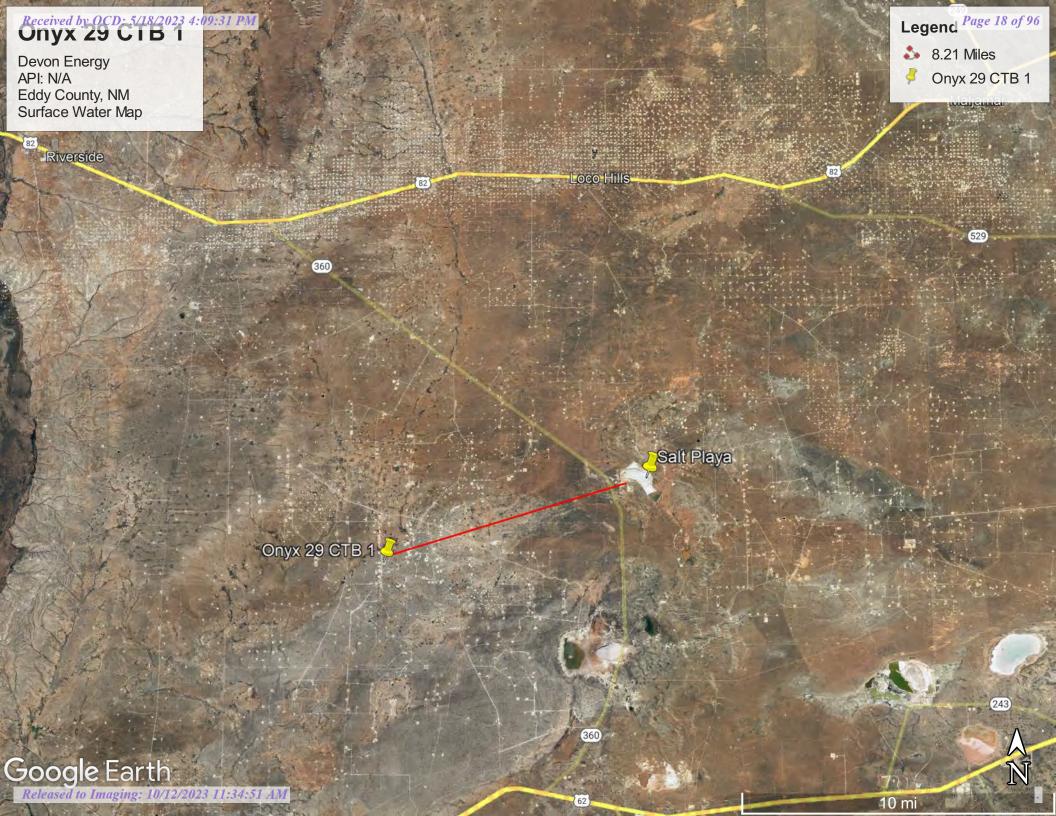
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

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

Page Last Modified: 2023-03-14 18:25:09 EDT

0.64 0.54 nadww02







Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 190 to 235 days

Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent

Gypsum land: 30 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope,

footslope, toeslope

Landform position (three-dimensional): Side slope, head slope,

nose slope, crest Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

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

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

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 80 percent

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

8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Interpretive groups

Land capability classification (irrigated): 3s Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope,

footslope, toeslope

Landform position (three-dimensional): Side slope, head slope,

nose slope, crest Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Largo

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

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

National Flood Hazard Layer FIRMette



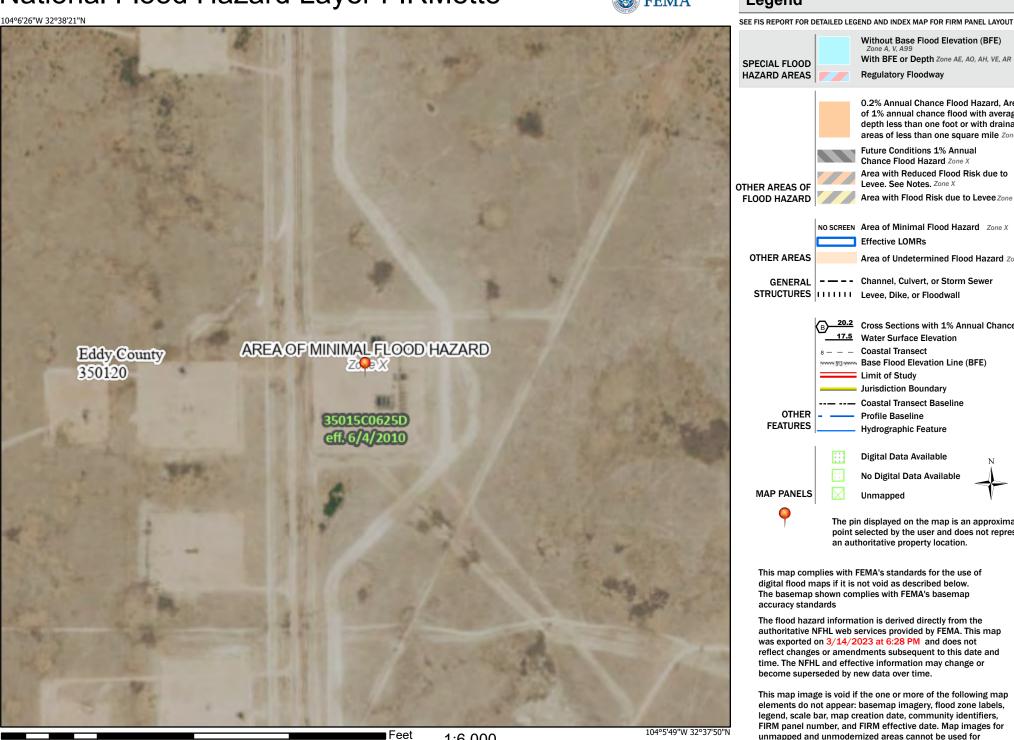


Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER Profile Baseline **FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

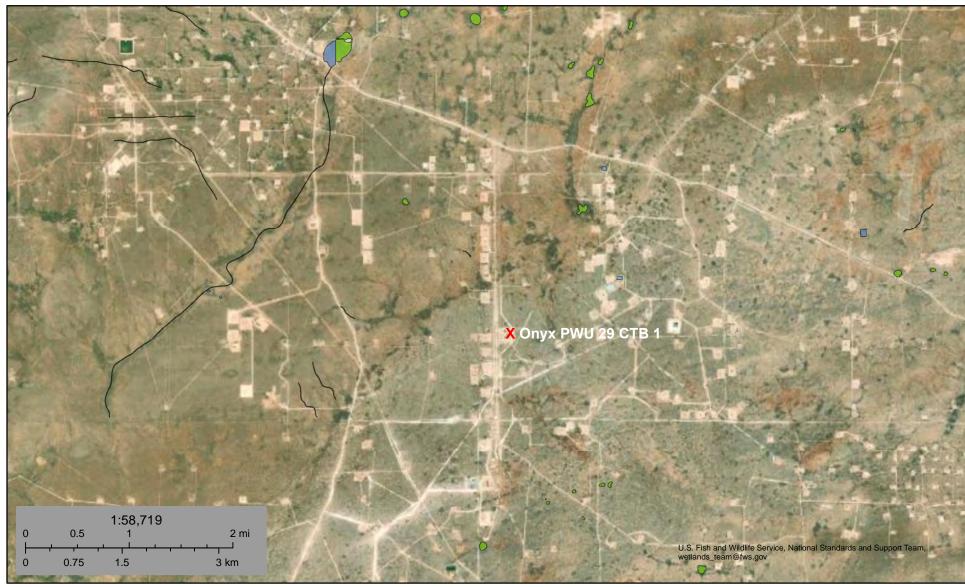
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/14/2023 at 6:28 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Wetlands Map



March 14, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

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



Appendix C

C-141 Form

48-Hour Notification

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

Responsible Party Devon Energy Production Company

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	nAPP2303756344
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID 6137

Contact Name Wesley Mathews			Contact Te	Contact Telephone		
Contact email Wesley.Mathews@dvn.com			Incident #	Incident # (assigned by OCD)		
			vers Hwy Artes	ia, NM 88210		
				of Release So	ource	
atitude 32	634866	5		Longitude _	-104.102	2087
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)	
Site Name Or	nyx 29 CT	B 1		Site Type (J 11	
Date Release	Discovered	2/5/2023		API# (if app	olicable)	
Unit Letter	Section	Township	Range	Cour	nty	
E	29	19S	29E	Edo	dy	
■ Crude Oil		l(s) Released (Select al	that apply and attach	calculations or specific	justification for	the volumes provided below) ecovered (bbls) 12 BBLS
a C1, O''		l(s) Released (Select al	l that apply and attach	calculations or specific	justification for	the volumes provided below)
Produced		Volume Release		LO		ecovered (bbls)
		Is the concentrat	ion of total dissolv water >10,000 mg	` /	Yes Yes	
Condensa	ite	Volume Release		, 2.	Volume Recovered (bbls)	
☐ Natural Gas Volume Released (Mcf)			Volume Re	ecovered (Mcf)		
Other (describe) Volume/Weight Released (provide uni		e units)	Volume/Weight Recovered (provide units)			
Cause of Rel						

Received by OCD: 5/18/2023 4:09:31 PM State of New Mexico
Page 2 Oil Conservation Division

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Incident ID	nAPP2303756344
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?
☐ Yes ■ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury
■ The source of the rele	ease has been stopped.	
■ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
■ All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
Per 19.15.29.8 B. (4) NM	IAC the responsible party may commence r	emediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environr	ment. The acceptance of a C-141 report by the C	fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Kendr	a Ruiz	Title: EHS Associate
Signature: Kendra	a Ruiz <i>Ruiz</i>	Date: 2/21/2023
email: Kendra.Ru		Telephone: 575-748-0167
OCD Only		
Received by:	elyn Harimon	Date:02/21/2023

NAPP2303756344

	Volume(Bbl	s) Calculator utputs in red
Con	taminated Soil	measurement
Area (squa	re feet)	Depth(inches)
443		0.500
Cubic Feet of S	oil Impacted	18.458
Barrels of Soi	Impacted	3.29
Soil Ty	/pe	Clay/Sand
Barrels of Oil Assuming 100% Saturation		0.49
Saturation Fluid press		t with shovel/backhoe
Estimated Barrels of Oil Released		0.49
	Free Standing	Fluid Only
Area (squa	re feet)	Depth(inches)
443		2.000
Standing fluid		13.161
Total fluids	spilled	13.655

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 188901

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	188901
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	2/22/2023

of New Mexico

Incident ID nAPP2303756344

Incident ID	nAPP2303756344
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 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes k☐ 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 No
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and 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.	
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well	ls.

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.

Laboratory data including chain of custody

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nAPP2303756344	

Incident ID	nAPP2303756344
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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. Title: Environmental Professional Dale Woodall Printed Name: Signature: Dale Woodall Date: 5/18/2023 email: dale.woodall@dvn.com Telephone: 575-748-1839 **OCD Only** Received by: Date: _____

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Incident ID	nAPP2303756344
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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 items must be included in the closure report.		
X A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
x Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
X Laboratory analyses of final sampling (Note: appropriate 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 certamay endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regulatestore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the Operator of Name: Dale Woodall Signature: Dale Woodall	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete.	
email:dale.woodall@dvn.com	Telephone: 575-748-1839	
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:	



Gio PimaOil <gio@pimaoil.com>

Confirmation of Samples Onyx 29 CTB 1 NAPP2303756344

1 message

Gio PimaOil <gio@pimaoil.com>

Fri, Apr 14, 2023 at 10:01 AM

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

Good Morning,

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Onyx 29 CTB 1 for incident NAPP2303756344. Pima personnel are scheduled to be on site for this sampling event at approximately 10:00 a.m. on Sunday, April 16, 2023. If you have any questions or concerns, please let me know. Thank you.

Gio Gomez Project Manager cell-806-782-1151 Office- 575-964-7740 Pima Environmental Services, LLC.



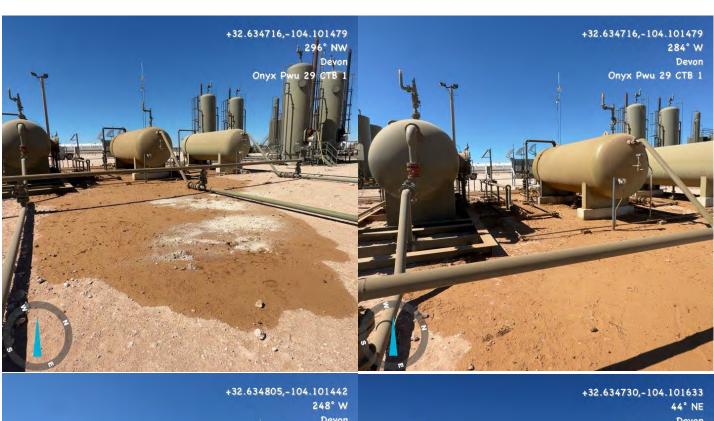
Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY ONYX PWU 29 CTB 1

Site Assessment





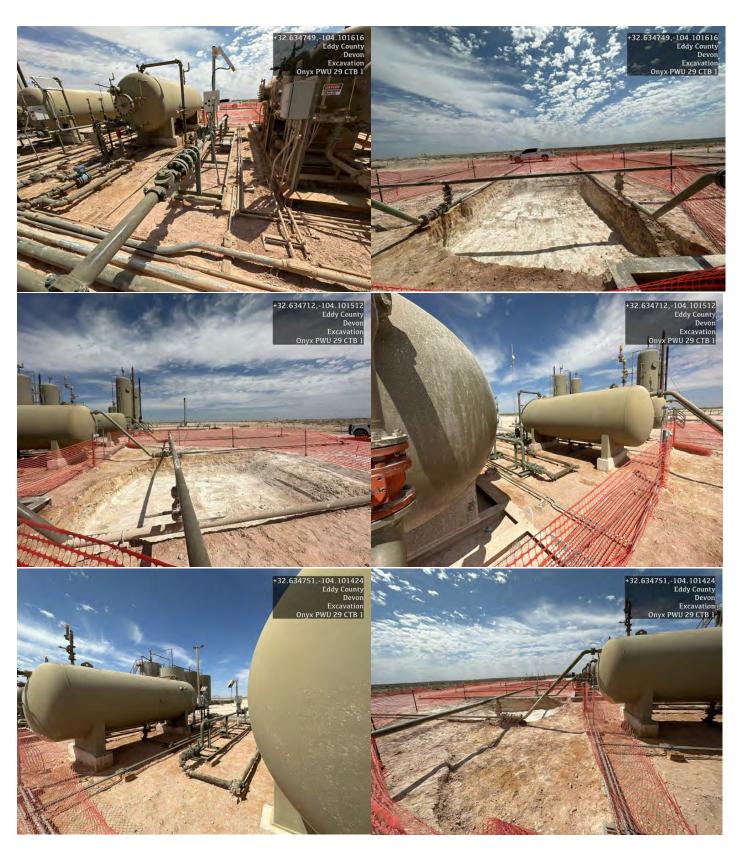






P

Excavation







+32.634739,-104.101617 Eddy County

Devo Onyx PWU 29 CTB Post Excavatio

Devoi Onyx PWU 29 CTB I

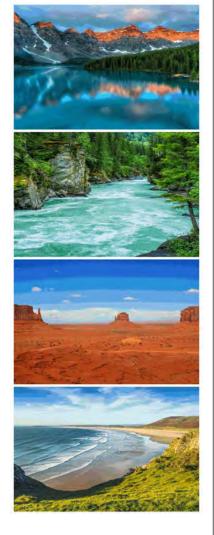




Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Onyx PWU 29 CTB1

Work Order: E303029

Job Number: 01058-0007

Received: 3/9/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/14/23

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: 3/14/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Onyx PWU 29 CTB1

Workorder: E303029

Date Received: 3/9/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2023 8:15:00AM, under the Project Name: Onyx PWU 29 CTB1.

The analytical test results summarized in this report with the Project Name: Onyx PWU 29 CTB1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/14/23 14:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E303029-01A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S1 - 4'	E303029-02A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S1 - 3'	E303029-03A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S2 - 1'	E303029-04A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S2 - 4'	E303029-05A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S2 - 3'	E303029-06A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S3 - 1'	E303029-07A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S3 - 4'	E303029-08A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S3 - 3'	E303029-09A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S4 - 1'	E303029-10A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S4 - 4'	E303029-11A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
S4 - 3'	E303029-12A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
SW1	E303029-13A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
SW2	E303029-14A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
SW3	E303029-15A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
SW4	E303029-16A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.
BG1	E303029-17A	Soil	03/03/23	03/09/23	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S1 - 1' E303029-01

		E303029-01				
	D 1:	Reporting	D .1	ъ		N .
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/09/23	
Ethylbenzene	1.13	0.0250	1	03/09/23	03/09/23	
Toluene	0.253	0.0250	1	03/09/23	03/09/23	
o-Xylene	2.74	0.0250	1	03/09/23	03/09/23	
p,m-Xylene	5.87	0.0500	1	03/09/23	03/09/23	
Total Xylenes	8.61	0.0250	1	03/09/23	03/09/23	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	03/09/23	03/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	144	20.0	1	03/09/23	03/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	03/09/23	03/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	18000	1250	50	03/09/23	03/13/23	
Oil Range Organics (C28-C36)	4490	2500	50	03/09/23	03/13/23	
Surrogate: n-Nonane		93.1 %	50-200	03/09/23	03/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310045
Chloride	359	200	10	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S1 - 4'

		2000029 02				
Anshar	D lv	Reporting		D	A	Nister
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/09/23	
Ethylbenzene	0.115	0.0250	1	03/09/23	03/09/23	
Toluene	0.0411	0.0250	1	03/09/23	03/09/23	
o-Xylene	0.0546	0.0250	1	03/09/23	03/09/23	
p,m-Xylene	0.0742	0.0500	1	03/09/23	03/09/23	
Total Xylenes	0.129	0.0250	1	03/09/23	03/09/23	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	03/09/23	03/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	03/09/23	03/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/09/23	03/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/09/23	03/13/23	
Surrogate: n-Nonane		99.6 %	50-200	03/09/23	03/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2310045
Chloride	ND	20.0	1	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S1 - 3'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	98.0	25.0	1	03/09/23	03/10/23	
Oil Range Organics (C28-C36)	57.0	50.0	1	03/09/23	03/10/23	
Surrogate: n-Nonane		91.6 %	50-200	03/09/23	03/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2310045
Chloride	ND	200	10	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S2 - 1'

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	:: SL		Batch: 2310036
ND	0.0250	1	03/09/23	03/09/23	
1.30	0.0250	1	03/09/23	03/09/23	
0.476	0.0250	1	03/09/23	03/09/23	
3.00	0.0250	1	03/09/23	03/09/23	
6.72	0.0500	1	03/09/23	03/09/23	
9.71	0.0250	1	03/09/23	03/09/23	
	114 %	70-130	03/09/23	03/09/23	
mg/kg	mg/kg	Analys	t: SL		Batch: 2310036
167	20.0	1	03/09/23	03/09/23	
	110 %	70-130	03/09/23	03/09/23	
mg/kg	mg/kg	Analys	t: KM		Batch: 2310042
18300	1250	50	03/09/23	03/13/23	
5670	2500	50	03/09/23	03/13/23	
	112 %	50-200	03/09/23	03/13/23	
		A 1	. D A		Batch: 2310045
mg/kg	mg/kg	Analyst	i: DA		Batch: 2310043
	mg/kg ND 1.30 0.476 3.00 6.72 9.71 mg/kg 167 mg/kg 18300	mg/kg mg/kg ND 0.0250 1.30 0.0250 0.476 0.0250 3.00 0.0250 6.72 0.0500 9.71 0.0250 114 % mg/kg mg/kg 167 20.0 110 % mg/kg 18300 1250 5670 2500	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 1.30 0.0250 1 0.476 0.0250 1 3.00 0.0250 1 6.72 0.0500 1 9.71 0.0250 1 114 % 70-130 mg/kg mg/kg Analyst 167 20.0 1 110 % 70-130 mg/kg mg/kg mg/kg Analyst 18300 1250 50 5670 2500 50	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 1.30 0.0250 1 03/09/23 0.476 0.0250 1 03/09/23 3.00 0.0250 1 03/09/23 6.72 0.0500 1 03/09/23 9.71 0.0250 1 03/09/23 mg/kg mg/kg Analyst: SL 167 20.0 1 03/09/23 mg/kg mg/kg Analyst: KM 18300 1250 50 03/09/23 5670 2500 50 03/09/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 03/09/23 1.30 0.0250 1 03/09/23 03/09/23 0.476 0.0250 1 03/09/23 03/09/23 3.00 0.0250 1 03/09/23 03/09/23 6.72 0.0500 1 03/09/23 03/09/23 9.71 0.0250 1 03/09/23 03/09/23 mg/kg mg/kg Analyst: SL 167 20.0 1 03/09/23 03/09/23 mg/kg mg/kg Analyst: KM 18300 1250 50 03/09/23 03/13/23 5670 2500 50 03/09/23 03/13/23



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S2 - 4'

		2000027 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
-	mg/kg	mg/kg		rst: SL	7 mary 2cd	Batch: 2310036
Volatile Organics by EPA 8021B	ND	0.0250	1	03/09/23	03/10/23	Batch. 2310030
Benzene			1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1			
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/09/23	03/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/09/23	03/13/23	
Surrogate: n-Nonane		94.2 %	50-200	03/09/23	03/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: BA		Batch: 2310045
Chloride	ND	20.0	1	03/09/23	03/10/23	



Chloride

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S2 - 3'

		E303029-06					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2310036	
Benzene	ND	0.0250	1	03/09/23	03/10/23		
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23		
Toluene	ND	0.0250	1	03/09/23	03/10/23		
o-Xylene	ND	0.0250	1	03/09/23	03/10/23		
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23		
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23		
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	03/09/23	03/10/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2310036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	03/09/23	03/10/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310042	
Diesel Range Organics (C10-C28)	536	25.0	1	03/09/23	03/10/23		
Oil Range Organics (C28-C36)	215	50.0	1	03/09/23	03/10/23		
Surrogate: n-Nonane		89.1 %	50-200	03/09/23	03/10/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310045	

200

ND

10

03/09/23

03/10/23



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S3 - 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	1.37	0.0250	1	03/09/23	03/10/23	
Toluene	0.416	0.0250	1	03/09/23	03/10/23	
o-Xylene	3.11	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	7.05	0.0500	1	03/09/23	03/10/23	
Total Xylenes	10.2	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	178	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		115 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	16700	1250	50	03/09/23	03/13/23	
Oil Range Organics (C28-C36)	4980	2500	50	03/09/23	03/13/23	
Surrogate: n-Nonane		88.9 %	50-200	03/09/23	03/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310045
	ND	200	10	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S3 - 4'

D le	Reporting	D:1 -:		A 1	NI-4
Kesult	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: SL		Batch: 2310036
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0500	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
	105 %	70-130	03/09/23	03/10/23	
mg/kg	mg/kg	An	alyst: SL		Batch: 2310036
ND	20.0	1	03/09/23	03/10/23	
	86.0 %	70-130	03/09/23	03/10/23	
mg/kg	mg/kg	An	alyst: KM		Batch: 2310042
ND	25.0	1	03/09/23	03/10/23	
ND	50.0	1	03/09/23	03/10/23	
	98.4 %	50-200	03/09/23	03/10/23	
mg/kg	mg/kg	An	alyst: BA		Batch: 2310045
	ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 105 % mg/kg mg/kg ND 20.0 86.0 % mg/kg ND 25.0 ND 50.0	mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 Mg/kg mg/kg And ND 20.0 1 86.0 % 70-130 mg/kg mg/kg And ND 25.0 1 ND 50.0 1	mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 ND 0.0500 1 03/09/23 ND 0.0250 1 03/09/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/09/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/09/23 ND 25.0 1 03/09/23 ND 50.0 1 03/09/23	mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 03/10/23 ND 0.0500 1 03/09/23 03/10/23 ND 0.0250 1 03/09/23 03/10/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/09/23 03/10/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/09/23 03/10/23 ND 25.0 1 03/09/23 03/10/23 ND 50.0 1 03/09/23 03/10/23



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S3 - 3'

E303029-09						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
p-Xylene	ND	0.0250	1	03/09/23	03/10/23	
o,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	158	25.0	1	03/09/23	03/11/23	
Oil Range Organics (C28-C36)	100	50.0	1	03/09/23	03/11/23	
Surrogate: n-Nonane		95.0 %	50-200	03/09/23	03/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310045
Chloride	ND	200	10	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S4 - 1'

	D				
Result			Prepared	Analyzed	Notes
	Lillit		•	Allalyzed	
mg/kg	mg/kg	Analys	st: SL		Batch: 2310036
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
0.0725	0.0250	1	03/09/23	03/10/23	
0.149	0.0500	1	03/09/23	03/10/23	
0.222	0.0250	1	03/09/23	03/10/23	
	98.6 %	70-130	03/09/23	03/10/23	
mg/kg	mg/kg	Analys	st: SL		Batch: 2310036
ND	20.0	1	03/09/23	03/10/23	
	95.3 %	70-130	03/09/23	03/10/23	
mg/kg	mg/kg	Analys	st: KM		Batch: 2310042
2350	25.0	1	03/09/23	03/11/23	
785	50.0	1	03/09/23	03/11/23	
	99.4 %	50-200	03/09/23	03/11/23	
mg/kg	mg/kg	Analys	st: BA		Batch: 2310045
- U					
	ND ND ND 0.0725 0.149 0.222 mg/kg ND mg/kg 2350 785	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 0.0725 0.0250 0.149 0.0500 0.222 0.0250 98.6 % mg/kg ND 20.0 95.3 % mg/kg mg/kg mg/kg 2350 25.0 785 50.0 99.4 %	mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 0.0725 0.0250 1 0.149 0.0500 1 0.222 0.0250 1 98.6 % 70-130 mg/kg mg/kg Analys ND 20.0 1 95.3 % 70-130 1 mg/kg mg/kg Analys 2350 25.0 1 785 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 0.0725 0.0250 1 03/09/23 0.149 0.0500 1 03/09/23 0.222 0.0250 1 03/09/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/09/23 mg/kg mg/kg Analyst: KM 2350 25.0 1 03/09/23 785 50.0 1 03/09/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 03/10/23 ND 0.0250 1 03/09/23 03/10/23 ND 0.0250 1 03/09/23 03/10/23 0.0725 0.0250 1 03/09/23 03/10/23 0.149 0.0500 1 03/09/23 03/10/23 0.222 0.0250 1 03/09/23 03/10/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/09/23 03/10/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/09/23 03/10/23 mg/kg mg/kg Analyst: KM 2350 25.0 1 03/09/23 03/11/23 785 50.0 1 03/09/23 03/11/23 99.4 % 50-200 03/09/23 03/11/23



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S4 - 4'

	D am a				
Result		Dilution	Prepared	Analyzed	Notes
Result	Lillit	Dilution	repared	Analyzeu	ivotes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2310036
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
ND	0.0500	1	03/09/23	03/10/23	
ND	0.0250	1	03/09/23	03/10/23	
	98.3 %	70-130	03/09/23	03/10/23	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2310036
ND	20.0	1	03/09/23	03/10/23	
	94.6 %	70-130	03/09/23	03/10/23	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310042
ND	25.0	1	03/09/23	03/11/23	
ND	50.0	1	03/09/23	03/11/23	
	99.3 %	50-200	03/09/23	03/11/23	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310045
	ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 98.3 % mg/kg ND 20.0 94.6 % mg/kg ND 25.0 ND 50.0 99.3 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 94.6 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 99.3 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 ND 0.0500 1 03/09/23 ND 0.0250 1 03/09/23 ND 0.0250 1 03/09/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/09/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/09/23 ND 25.0 1 03/09/23 ND 50.0 1 03/09/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/09/23 03/10/23 ND 0.0500 1 03/09/23 03/10/23 ND 0.0250 1 03/09/23 03/10/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/09/23 03/10/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/09/23 03/11/23 ND 25.0 1 03/09/23 03/11/23 ND 50.0 1 03/09/23 03/11/23 ND 50.0 1 03/09/23 03/11/23



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

S4 - 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	542	25.0	1	03/09/23	03/11/23	
Oil Range Organics (C28-C36)	259	50.0	1	03/09/23	03/11/23	
Surrogate: n-Nonane		98.8 %	50-200	03/09/23	03/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2310045



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

SW1

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/09/23	03/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/09/23	03/11/23	
Surrogate: n-Nonane		87.6 %	50-200	03/09/23	03/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2310045
Chloride	ND	20.0	-	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

SW2

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/09/23	03/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/09/23	03/11/23	
Surrogate: n-Nonane		91.8 %	50-200	03/09/23	03/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2310045
· · · · · · · · · · · · · · · · · · ·	ND	20.0		03/09/23	03/10/23	·



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

SW3

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/09/23	03/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/09/23	03/11/23	
Surrogate: n-Nonane		91.2 %	50-200	03/09/23	03/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2310045
Chloride	ND	20.0	1	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

SW4

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/09/23	03/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/09/23	03/11/23	
Surrogate: n-Nonane		90.6 %	50-200	03/09/23	03/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2310045
Chloride	ND	20.0	1	03/09/23	03/10/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

BG1

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2310036
Benzene	ND	0.0250	1	03/09/23	03/10/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/10/23	
Toluene	ND	0.0250	1	03/09/23	03/10/23	
o-Xylene	ND	0.0250	1	03/09/23	03/10/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/10/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/10/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2310036
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	03/09/23	03/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2310042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/09/23	03/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/09/23	03/11/23	
Surrogate: n-Nonane		90.5 %	50-200	03/09/23	03/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2310045
Chloride	ND	20.0	1	03/09/23	03/10/23	



QC Summary Data

Onyx PWU 29 CTB1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 3/14/2023 2:16:59PM **Volatile Organics by EPA 8021B** 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 (2310036-BLK1) Prepared: 03/09/23 Analyzed: 03/09/23 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: 4-Bromochlorobenzene-PID 8.06 8.00 101 70-130 LCS (2310036-BS1) Prepared: 03/09/23 Analyzed: 03/09/23 4.68 93.6 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.74 0.0250 5.00 94.8 70-130 4.86 0.0250 5.00 97.3 70-130 Toluene 97.5 o-Xylene 4.87 0.0250 5.00 70-130 10.0 96.3 70-130 9.63 0.0500 p.m-Xvlene 96.7 14.5 15.0 70-130 Total Xylenes 0.0250 8.00 99.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.99 Matrix Spike (2310036-MS1) Source: E303029-04 Prepared: 03/09/23 Analyzed: 03/09/23 4.43 0.0250 5.00 ND 54-133 Benzene 91.7 61-133 Ethylbenzene 5.88 0.0250 5.00 1.30 Toluene 5.66 0.0250 5.00 0.476 104 61-130 7.92 3.00 98.5 63-131 5.00 0.0250 o-Xylene p,m-Xylene 16.1 0.0500 10.0 6.72 94.2 63-131 0.0250 15.0 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 9.18 8.00 Matrix Spike Dup (2310036-MSD1) Source: E303029-04 Prepared: 03/09/23 Analyzed: 03/09/23 4.15 0.0250 5.00 ND 83.0 54-133 6.52 20 1.30 61-133 4.23 5.64 0.0250 5.00 86.9 20 Ethylbenzene 61-130 5 38 0.476 98.1 5.04 20

0.0250

0.0250

0.0500

0.0250

7.58

15.4

23.0

8.81

5.00

5.00

10.0

15.0

8.00

3.00

6.72

9.71

91.7

86.9

88.5

110

63-131

63-131

63-131

70-130

4.42

4.68

4.59

20

20

20



Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				3/1	4/2023 2:16:59PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2310036-BLK1)							Prepared: 03	3/09/23 Anal	yzed: 03/09/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.4	70-130			
LCS (2310036-BS2)							Prepared: 03	3/09/23 Anal	yzed: 03/09/23
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			
Matrix Spike (2310036-MS2)				Source:	E303029-	04	Prepared: 03	3/09/23 Anal	yzed: 03/09/23
Gasoline Range Organics (C6-C10)	240	20.0	50.0	167	147	70-130			M1
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.01		8.00		113	70-130			
Matrix Spike Dup (2310036-MSD2)				Source:	E303029-	04	Prepared: 03	3/09/23 Anal	yzed: 03/09/23
Gasoline Range Organics (C6-C10)	239	20.0	50.0	167	145	70-130	0.493	20	M1
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.36		8.00		117	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/14/2023 2:16:59PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				3	/14/2023 2:16:59PN
	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 (2310042-BLK1)							Prepared: 0	3/09/23 Ana	alyzed: 03/10/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	49.2		50.0		98.4	50-200			
LCS (2310042-BS1)							Prepared: 0	3/09/23 Ana	alyzed: 03/10/23
Diesel Range Organics (C10-C28)	219	25.0	250		87.6	38-132			
urrogate: n-Nonane	44.7		50.0		89.4	50-200			
Matrix Spike (2310042-MS1)				Source:	E303029-	05	Prepared: 0	3/09/23 Ana	alyzed: 03/10/23
Diesel Range Organics (C10-C28)	208	25.0	250	ND	83.3	38-132			
urrogate: n-Nonane	46.0		50.0		92.0	50-200			
Matrix Spike Dup (2310042-MSD1)				Source:	E303029-	05	Prepared: 0	3/09/23 Ana	alyzed: 03/10/23
Diesel Range Organics (C10-C28)	202	25.0	250	ND	81.0	38-132	2.77	20	
'urrogate: n-Nonane	45.6		50.0		91.3	50-200			



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:		nyx PWU 29 1058-0007	CTB1		Reported:				
Plains TX, 79355-0247		Project Manager	:: Т	om Bynum					3/14/2023 2:16:59PM	
		Anions	by EPA	300.0/9056	4				Analyst: BA	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2310045-BLK1)							Prepared: 0	3/09/23	Analyzed: 03/10/23	
Chloride	ND	20.0								
LCS (2310045-BS1)							Prepared: 0	3/09/23	Analyzed: 03/10/23	
Chloride	249	20.0	250		99.4	90-110				
Matrix Spike (2310045-MS1)				Source:	E303029-	01	Prepared: 0	3/09/23	Analyzed: 03/10/23	
Chloride	614	200	250	359	102	80-120				
Matrix Spike Dup (2310045-MSD1)				Source:	E303029-	01	Prepared: 03	3/09/23	Analyzed: 03/10/23	

250

200

107

80-120

2.16

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:	Onyx PWU 29 CTB1	
ı	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/14/23 14:16

M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.

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 In	formation
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Chain of Custody

	1	7
Page .	1	of <

Client: Pima Environment Project: NUX PWU 19	Services /	-	N	Bill To					ab U	se Or	nly			TA	T		EPA P	rogram
Project Man ager: Tom Byr	um	-	Attention: Address:	ENOR	_	Lab	WO#		^		Number	1D	20	3D	Sta	indard	CWA	SDWA
Address: 56 14 N. Lovingto	n Hwy.		City, State, Zip			1-3	803	026			28-000				X			
City, State, Zip Hobbs, NM	. 88240		Phone:		-	-	_		_	Analy	sis and Meth	nod	-					RCRA
Phone: 580-748-1613			Email:		_	10	1.0								-		Chata	
mail: ton @pimaoil.com		181		10.0		801	801	la.							-	NINAL CO	State UT AZ	TVI
Report due by:			Pima Project#	1-40		O by	O by	8021	3260	010	300,0	S.	¥		-	V	OT AZ	IV
Sampled Sampled Matrix	No. of Sample	ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by	VOC by 8260	Metals 6010	Chloride 300.0	верос	BGDOC				Remarks	
1:25 3/3/23 5	1 31	1'	101		1			83	_>	2	0	γ	m					
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7:45	52	7'			5							+	1			-		
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dditional Instructions:			: - A ++ : a	11000	10	1	!	_1				14						
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eld sampler), attest to the validity and e or time of collection is considered fro inquished/bx (Signature)	aud and may be groun	nds for legal ac	tion. Sample	ed by: #1000 O	g the sample I	ocation	10	-			requiring therma n ice at an avg ten						- 34	ed or received
(Signature)	Date	Time	Received by: (Sign	nature)	Date	2	Time	1		1,10	() 1.			se Onl	230.00	1 1 1 1	100 1	- 70
nquished by: (Signature)	3-7-23 Date	Time ()	Molel		3-7-2		14	00		Recei	ved on ice:)/ 1	J			1	3 10
wellle bus	3-7-23	174	Received by: (Sign	nature)	38-2	3	(So	(7)		Г1		Tri	1	22			. da .	
nquished by: (Signature)	Date 3-8-23	Time	Received by: (Sign	nature)	Date, /	Т	lime		-	LE	***	12	n ndry		_ 1	3.		1
Lovery Len		2345	atly	lete	3/9/73	3	8:	15		AVG 7	Γemp°C	4	, 1 1		100		· ·	16 7
ple Matrix: S - Soil Sd - Solid, Sg - Slud	ge, A - Aqueous, O - I	Other			Container 7		/	11				er glas	SS. V	- VOA		1.1. 1.50	~	- Lendy
e: Samples are discarded 30 days ples is applicable only to those sa	atter results are re	ported unless	other arrangements ar									0.4.	2011	There	nact fo	ar the anal	esic of the	hour

for on the report.

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Project I	nformatio	n				Chain of Custod	У										Page 2	of_ 2
Client: F	Pima Env	ironmen	tal Servi	ces	Bill To				1;	ab Us	e Or	nly	T		TA	Т	FPA P	rogram
Project:	Onyx 7	Tom By	A CIBI		Attention: Sevon					1		Number	1D	2D		Standard	CWA	SDWA
Address:	56 14 N	Lovinat	on Hwy		Address: City, State, Zip		F3	SO	20		Olo	1200-82				*		1000
City, Stat	e, Zīp H	obbs, NN	A. 88240)	Phone:	_				/	Analy	sis and Metho	d					RCRA
Phone:	Phone: 580-748 1612			Email:		10		. 3								Chata	<u> </u>	
Email:	tom@pir	naoil.cor	n			Whate the same	801	8015								NMI CO	State UT AZ	TX
Report d					Pima Project#		yd C	yd C	3021	260	010	300.0	S	*		X	OT AZ	1^
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8023	VOC by 8260	Metals 6010	Chloride 300.0	верос	верос		7	Remarks	
10:15	3/3/23	5		54-2'		11	_						X	4				
10:20	-	1	-1	54-3'		12							1					
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0:35				SW3		IS												
0.40				SW4	- Hara	16							A					
0:45	4	₩.	4	BG1		17												
					TOTAL CONTROL													
		J.	*5										10			4		
	l Imstructi				Billing Number	c. 2/17 U	as	20								1		
field sample te or time o	er), attest to t f collection is	he validity ar considered f	nd authentici raud and ma	ty of this sample. I am by be grounds for legal a	aware that tampering with or intentionally naction. Sampled by:	nislabelling the sample I	ocation	00	Q							ved on ice the day t		ed or received
, parmenta	AHS	ur cj	Date	1.23 Time 2:00	Received by Cianatical	1 Date	1	Time 140	0	75	. 3		La		e Only		rene (- 6/2
Relinquished by: (Signature) Date Time 745 Relinquished by: (Signature) Date Time			Received by: (Signature)	Bate 5-2		ime.			ece 1	ived on ice:	T2	, IV		ТЗ.	·			
Kell	enso	Te:	3-8	7-23 Time 234	S authorized	£ 3/9/23		8:1	5			Temp°c 4	1		S. J. J.	- 12		
iple Matrix	S - Soil, Sd -	Solid, Sg-Slu	dge, A - Aqu	eous, O-Other_	ess other arrangements are made. Haza	Container	Type-	a ala	1		-		total to	20.00	10.1	4 7 - 34	· · · · · · · · · · · · · · · · · · ·	- Buch

Pass environte report.

Pass environte constant pass e

Printed: 3/9/2023 10:33:57AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/09/23	08:15		Work Order ID:	E303029
Phone:	(575) 631-6977	Date Logged In:	03/09/23	09:03		Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/14/23	07:00 (3 day TAT)			
Chain of 1. Does th 2. Does th 3. Were sa 4. Was the 5. Were a	Custody (COC) ne sample ID match the COC? ne number of samples per sampling site location match namples dropped off by client or carrier? ne COC complete, i.e., signatures, dates/times, request Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion corrections of the complete of the conducted in the c	och the COC sted analyses?	Yes Yes Yes Yes Yes Yes	Carrier: <u>Ca</u>	<u>ourier</u>	<u>Comment</u>	s/Resolution
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		temperature. 1	<u>~</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers')	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab 20. Were Sa D	· · · · · · · · · · · · · · · · · · ·		Yes Yes No				
Sample P	reservation_		- 1.0				
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and if	~	NA	Subcontract Lab:	: NA		
	<u>istruction</u>			Successive Luci			

Date

Pro	ect Informatio

Chain	of C	ustody
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	1	7
Page	1	_ of <u><</u>

	f Custody Page 1 of 2								
Client: Pima Environmental Services Bill To	Lab Use Only TAT EPA Program								
Project: ONUX PWU 29 CTB1 Attention: Do VON	Lab WO# Job Number 1D 2D 3D Standard CWA SDWA								
Project Manager: Tom Bynum Address:	E303029 01058-0007 X								
Address: 56 14 N. Lovington Hwy. City, State, Zip	Analysis and Method RCRA								
City, State, Zip Hobbs, NM, 88240 Phone:	y unity of the Method								
Phone: 580-748-1613 Email:	State								
Email: ton (@pimaoil.com	S S NM COLIT AZ TX								
Report due by: Pima Project # 1-210	260 240 010 010 010 010 010 010 010 010 010 0								
Time Date Sampled Sampled Matrix No. of Containers Sample ID	Namper A Nam								
9:25 3/3/23 8 / 81-1'	X								
9:30 / 51-2: 51-4'	2 1 1 1 1 20123								
9:35 51-3'	3								
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9:55 53.1'	7								
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0:05									
D-/O S4-1' Additional lanstructions:	10								
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, attention is considered fraud and may be grounds for legal action. Sampled by #1(VV VV) Be MV VV PROVIDED TO BE SAMPLED TO BE									
3-7-23 7 W Michael Gland	3-7-23 Time Lab Use Only Received on ice: (Y)/ N								
Micelle Curs 37-23 17 45 Received by: (Signature)	\$\\ \frac{1}{2}\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\								
June Martin 3-8-23 2345 Coulle Vate	5/9/23 8:15 AVG Temp °C 4								
The same of the sa	ontainer Type g - glass, p - poly/plastic, ag - amber glass, v - VOA								
te: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples is applicable only to those samples received by the laborator with this COC. The facility of the laborator with this COC. The facility of the laborator with this COC.	ples will be returned to client or disposed of at the client expense. The report for the analysis of the above								
ples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.									

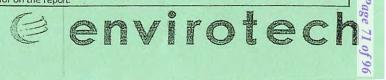


Project	Information
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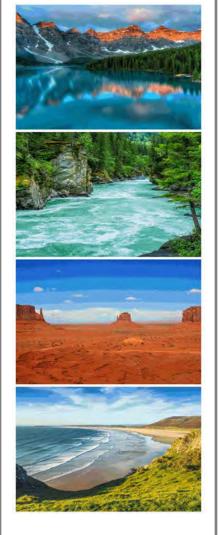
Chain of Custody

Page	2	of	2	Cetv
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-	Client: Pima Environmental Services Bill To														
					Lab Use Only					TAT				rogram	
1	Droinet Man II		Lab WO# Job Number F38629 Olos8-005				1D	2D	3D	Standard	CWA	SDWA			
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ı	City State Zim 11-11 NRI con					Ana	ysis and	Method						RCRA	4
ı	Phone: 590 740 4642														
ı	Email: tom@pimaoil.com		8015	015									State		4
	Report due by: Pima Project #		by 8	by 8	8021	000	300.0		NM				UT AZ	TX	4 :
	Time Date	1 - 1, - 1, - 1	DRO/ORO by	GRO/DRO by 8015	by 80	VOC by 8260 Metals 6010	Je 30			¥		X			
	Sampled Sampled Matrix Containers Sample ID	Lab	30/0	30/0	втех і	oc b	Chloride		верос	BGDDC			Remarks		
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1,	(field sampler), attest to the validity and authenticity of this sample. Lam aware that transport with an introduced	1 21120		10		San	JOU	Lnan	ne	ch	anc	PLS DCJ ef on ice the day	I.B	muny	B
d	(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally ate or time of collection is considered fraud and may be grounds for legal action. Sampled by:	Otions Ro	location	100	9							elf on ice the day to on subsequent da		ou or received	
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1	mples is applicable only to those samples received by the laboratory with this COC. The liability of the la	aboratory is limited to	the am	ount p	paid for	on the r	eport.								



Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Onyx PWU 29 CTB1

Work Order: E304089

Job Number: 01058-0007

Received: 4/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/20/23

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

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

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

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

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

Date Reported: 4/20/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Onyx PWU 29 CTB1

Workorder: E304089

Date Received: 4/19/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/19/2023 7:00:00AM, under the Project Name: Onyx PWU 29 CTB1.

The analytical test results summarized in this report with the Project Name: Onyx PWU 29 CTB1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

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ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Γ	Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	Donoutoda
ı	PO Box 247	Project Number:	01058-0007	Reported:
	Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 14:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E304089-01A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CS2	E304089-02A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CS3	E304089-03A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW1	E304089-04A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW2	E304089-05A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW3	E304089-06A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW4	E304089-07A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW5	E304089-08A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW6	E304089-09A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW7	E304089-10A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW8	E304089-11A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.
CSW9	E304089-12A	Soil	04/16/23	04/19/23	Glass Jar, 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CS1

	E504007-01					
Pacult	Reporting	Dilu	ıtion	Pranarad	Analyzed	Notes
Result	Liiiit	Dilu	ation	Trepared	Anaryzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
ND	0.0250	1	1	04/19/23	04/19/23	
ND	0.0250	1	1	04/19/23	04/19/23	
ND	0.0250	1	1	04/19/23	04/19/23	
ND	0.0250	1	1	04/19/23	04/19/23	
ND	0.0500	1	1	04/19/23	04/19/23	
ND	0.0250	1	1	04/19/23	04/19/23	
	98.3 %	70-130		04/19/23	04/19/23	
	105 %	70-130		04/19/23	04/19/23	
	103 %	70-130		04/19/23	04/19/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
ND	20.0	1	1	04/19/23	04/19/23	
	98.3 %	70-130		04/19/23	04/19/23	
	105 %	70-130		04/19/23	04/19/23	
	103 %	70-130		04/19/23	04/19/23	
mg/kg	mg/kg		Analyst:	JL		Batch: 2316026
ND	25.0	1	1	04/19/23	04/19/23	
ND	50.0	1	1	04/19/23	04/19/23	
	84.3 %	50-200		04/19/23	04/19/23	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2316027
					04/19/23	
· · · · ·	ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 0.0500 ND 0.0250 98.3 % 105 % 103 % mg/kg mg/kg ND 20.0 98.3 % 105 % 105 % 103 % mg/kg ND 25.0 ND 25.0 ND 50.0	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 98.3 % 70-130 105 % 70-130 103 % 70-130 mg/kg mg/kg ND 20.0 98.3 % 70-130 105 % 70-130 103 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 84.3 % 50-200	Reporting Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.3 % 70-130 103 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 98.3 % 70-130 103 % 103 % 70-130 103 % mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 84.3 % 50-200	Reporting Result Limit Dilution Prepared mg/kg Manalyst: IY ND 0.0250 1 04/19/23 ND 0.0250 1 04/19/23 ND 0.0250 1 04/19/23 ND 0.0250 1 04/19/23 ND 0.0500 1 04/19/23 ND 0.0250 1 04/19/23 105 % 70-130 04/19/23 103 % 70-130 04/19/23 mg/kg mg/kg Analyst: IY ND 20.0 1 04/19/23 105 % 70-130 04/19/23 103 % 70-130 04/19/23 103 % 70-130 04/19/23 103 % 70-130 04/19/23 103 % 70-130 04/19/23 ND 25.0 1 04/19/23 ND 50.0 1 04/19/23 ND 50.0 1 04/19/23 </td <td>Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/19/23 04/19/23 ND 0.0500 1 04/19/23 04/19/23 ND 0.0250 1 04/19/23 04/19/23 ND 0.0250 1 04/19/23 04/19/23 105 % 70-130 04/19/23 04/19/23 103 % 70-130 04/19/23 04/19/23 105 % 70-130 04/19/23 04/19/23 105 % 70-130 04/19/23 04/19/23 103 % 70-130 04/19/23 04/19/23 103 % 70-130 04/19/23 04/19/23 04/19/23 04/19/23 04/19/23 <</td>	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 04/19/23 04/19/23 ND 0.0500 1 04/19/23 04/19/23 ND 0.0250 1 04/19/23 04/19/23 ND 0.0250 1 04/19/23 04/19/23 105 % 70-130 04/19/23 04/19/23 103 % 70-130 04/19/23 04/19/23 105 % 70-130 04/19/23 04/19/23 105 % 70-130 04/19/23 04/19/23 103 % 70-130 04/19/23 04/19/23 103 % 70-130 04/19/23 04/19/23 04/19/23 04/19/23 04/19/23 <



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CS2

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Benzene	ND	0.0250	1	l	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1	[04/19/23	04/19/23	
Toluene	ND	0.0250	1	l	04/19/23	04/19/23	
o-Xylene	ND	0.0250	1	l	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1	l	04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	l	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene	·	97.6 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	04/19/23	04/19/23	
Surrogate: n-Nonane		85.2 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316027



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CS3

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2316030
Benzene	ND	0.0250		1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250		1	04/19/23	04/19/23	
Toluene	ND	0.0250		1	04/19/23	04/19/23	
o-Xylene	ND	0.0250		1	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500		1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0		1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/19/23	04/19/23	
Surrogate: n-Nonane		73.1 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2316027
Chloride	ND	20.0		1	04/19/23	04/19/23	

Pima Environmental Services-Carlsbad	Project Name: Onyx PWU 29 CTB1	
PO Box 247	Project Number: 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager: Tom Bynum	4/20/2023 2:34:04PM

CSW1

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2316030
Benzene	ND	0.0250	1		04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1		04/19/23	04/19/23	
Toluene	ND	0.0250	1		04/19/23	04/19/23	
o-Xylene	ND	0.0250	1		04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1		04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1		04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	ıL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1		04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/19/23	04/19/23	
Surrogate: n-Nonane		89.4 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2316027

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW2

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: Γ	Y		Batch: 2316030
Benzene	ND	0.0250	1		04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1		04/19/23	04/19/23	
Toluene	ND	0.0250	1		04/19/23	04/19/23	
o-Xylene	ND	0.0250	1		04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1		04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1		04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: J	L		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1		04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/19/23	04/19/23	
Surrogate: n-Nonane		84.5 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	RAS		Batch: 2316027
						04/19/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW3

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Benzene	ND	0.0250		1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250		1	04/19/23	04/19/23	
Toluene	ND	0.0250		1	04/19/23	04/19/23	
o-Xylene	ND	0.0250		1	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500		1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		103 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0		1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/19/23	04/19/23	
Surrogate: n-Nonane		79.5 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316027
Chloride	ND	20.0		1	04/19/23	04/19/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW4

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Benzene	ND	0.0250	1		04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1		04/19/23	04/19/23	
Toluene	ND	0.0250	1		04/19/23	04/19/23	
o-Xylene	ND	0.0250	1	l	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1	l	04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	l	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		119 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		119 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		104 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1		04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/19/23	04/19/23	
Surrogate: n-Nonane		82.6 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316027
	ND	20.0	1		04/19/23	04/19/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW5

		200.000					
Austra	Dk	Reporting			D 1	A l 1	Nister
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Benzene	ND	0.0250		1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250		1	04/19/23	04/19/23	
Toluene	ND	0.0250		1	04/19/23	04/19/23	
o-Xylene	ND	0.0250		1	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500		1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		96.8 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		98.4 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		96.8 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		98.4 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0		1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/19/23	04/19/23	
Surrogate: n-Nonane		89.3 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316027
Chloride	ND	20.0		1	04/19/23	04/19/23	

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW6

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2316030
Benzene	ND	0.0250	1		04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1		04/19/23	04/19/23	
Toluene	ND	0.0250	1	Į.	04/19/23	04/19/23	
o-Xylene	ND	0.0250	1		04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1		04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1		04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		99.3 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		101 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		99.3 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1		04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	04/19/23	04/19/23	
Surrogate: n-Nonane		79.6 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2316027
						04/19/23	· · · · · · · · · · · · · · · · · · ·

Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW7

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Benzene	ND	0.0250	1		04/19/23	04/19/23	
Ethylbenzene	ND	0.0250	1		04/19/23	04/19/23	
Toluene	ND	0.0250	1		04/19/23	04/19/23	
o-Xylene	ND	0.0250	1		04/19/23	04/19/23	
p,m-Xylene	ND	0.0500	1		04/19/23	04/19/23	
Total Xylenes	ND	0.0250	1	l	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene	·	96.7 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		99.2 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		96.7 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		99.2 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0	1		04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	04/19/23	04/19/23	
Surrogate: n-Nonane		81.2 %	50-200	·	04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316027



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW8

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2316030
Benzene	ND	0.0250		1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250		1	04/19/23	04/19/23	
Toluene	ND	0.0250		1	04/19/23	04/19/23	
o-Xylene	ND	0.0250		1	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500		1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		97.0 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		97.0 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0		1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/19/23	04/19/23	
Surrogate: n-Nonane		83.4 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2316027
Chloride	ND	20.0		1	04/19/23	04/19/23	



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

CSW9

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2316030
Benzene	ND	0.0250		1	04/19/23	04/19/23	
Ethylbenzene	ND	0.0250		1	04/19/23	04/19/23	
Toluene	ND	0.0250		1	04/19/23	04/19/23	
o-Xylene	ND	0.0250		1	04/19/23	04/19/23	
p,m-Xylene	ND	0.0500		1	04/19/23	04/19/23	
Total Xylenes	ND	0.0250		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		100 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2316030
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/19/23	04/19/23	
Surrogate: Bromofluorobenzene		100 %	70-130		04/19/23	04/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/19/23	04/19/23	
Surrogate: Toluene-d8		100 %	70-130		04/19/23	04/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: Л		Batch: 2316026
Diesel Range Organics (C10-C28)	ND	25.0		1	04/19/23	04/19/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/19/23	04/19/23	
Surrogate: n-Nonane		88.2 %	50-200		04/19/23	04/19/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2316027
	ND	20.0		1	04/19/23	04/19/23	

Onyx PWU 29 CTB1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/20/2023 2:34:04PM Volatile Organic Compounds by EPA 8260B Analyst: IY Source Reporting Spike Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2316030-BLK1) Prepared: 04/19/23 Analyzed: 04/19/23 ND 0.0250 Ethylbenzene ND 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.481 0.500 96.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.558 0.500 112 70-130 0.500 101 70-130 Surrogate: Toluene-d8 0.503 LCS (2316030-BS1) Prepared: 04/19/23 Analyzed: 04/19/23 2.43 0.0250 2.50 97.1 70-130 Benzene 2.50 95.0 70-130 2.37 0.0250 Ethylbenzene 2.41 0.0250 2.50 96.5 70-130 2.37 2.50 94.8 70-130 o-Xylene 0.0250 95.2 4.76 5.00 70-130 p,m-Xylene 0.0500 7.13 0.0250 7.50 95.0 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.541 0.500 108 70-130 0.500 114 70-130 Surrogate: 1,2-Dichloroethane-d4 0.568 Surrogate: Toluene-d8 0.500 70-130 0.512 Matrix Spike (2316030-MS1) Source: E304089-02 Prepared: 04/19/23 Analyzed: 04/19/23 ND 48-131 2.48 0.0250 2.50 2.44 ND 45-135 Ethylbenzene 0.0250 2.50 97.6 ND 97.7 48-130 Toluene 2.44 0.0250 2.50 o-Xylene 2.44 0.0250 2.50 ND 97.5 43-135 ND 4.83 5.00 96.6 43-135 p,m-Xylene 0.0500

Matrix Spike Dup (2316030-MSD1)	* * * * * * * * * * * * * * * * * * * *						Prepared: 04/19/23 Analyzed: 04/19/2				
Benzene	2.49	0.0250	2.50	ND	99.7	48-131	0.442	23			
Ethylbenzene	2.43	0.0250	2.50	ND	97.1	45-135	0.493	27			
Toluene	2.47	0.0250	2.50	ND	98.7	48-130	1.04	24			
o-Xylene	2.43	0.0250	2.50	ND	97.2	43-135	0.370	27			
p,m-Xylene	4.82	0.0500	5.00	ND	96.5	43-135	0.114	27			
Total Xylenes	7.25	0.0250	7.50	ND	96.7	43-135	0.200	27			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.587		0.500		117	70-130					
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130					

7.50

0.500

0.500

0.500

ND

96.9

110

113

99.4

43-135

70-130

70-130

70-130

7.27

0.549

0.565

0.497

0.0250



Total Xylenes

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Pima Environmental Services-CarlsbadProject Name:Onyx PWU 29 CTB1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum4/20/2023 2:34:04PM

Nonhalogenated	Organics by	v EPA 8015D	- GRO

Analyst: IY

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

	Result	LIIIII	Level	Result	Rec	Limits	KPD	LIIIII	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316030-BLK1)							Prepared: 04	1/19/23 A	nalyzed: 04/19/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.558		0.500		112	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
LCS (2316030-BS2)							Prepared: 04	1/19/23 A	nalyzed: 04/19/23
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	·	102	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.545		0.500		109	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			
Matrix Spike (2316030-MS2)				Source:	E304089-	02	Prepared: 04	1/19/23 A	nalyzed: 04/19/23
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.550		0.500		110	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
Matrix Spike Dup (2316030-MSD2)				Source:	E304089-	02	Prepared: 04	1/19/23 A	nalyzed: 04/19/23
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.1	70-130	6.39	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.505 0.551		0.500 0.500		101 110	70-130 70-130			



Pima Environmental Services-Carlsbad	Project Name:	Onyx PWU 29 CTB1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/20/2023 2:34:04PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					4/20/2023 2:34:04PM
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316026-BLK1)							Prepared: 0	4/19/23 A	nalyzed: 04/19/23
tiesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.5		50.0		95.0	50-200			
.CS (2316026-BS1)							Prepared: 0	4/19/23 A	nalyzed: 04/19/23
riesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
urrogate: n-Nonane	47.2		50.0		94.4	50-200			
Aatrix Spike (2316026-MS1)				Source:	E304089-0	03	Prepared: 0	4/19/23 A	nalyzed: 04/19/23
viesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
urrogate: n-Nonane	33.6		50.0		67.2	50-200			
Matrix Spike Dup (2316026-MSD1)				Source:	E304089-0	03	Prepared: 0	4/19/23 A	nalyzed: 04/19/23
tiesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132	3.96	20	
urrogate: n-Nonane	35.5		50.0		71.0	50-200			



Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:	Onyx PWU 29 CTB1 :: 01058-0007					Reported:				
Plains TX, 79355-0247		Project Manager	: Т	om Bynum					4/20/2023 2:34:04PM			
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: RAS			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2316027-BLK1)							Prepared: 0-	4/19/23	Analyzed: 04/19/23			
Chloride	ND	20.0										
LCS (2316027-BS1)							Prepared: 0	4/19/23	Analyzed: 04/19/23			
Chloride	247	20.0	250		99.0	90-110						
Matrix Spike (2316027-MS1)				Source:	E304089-0	1	Prepared: 0	4/19/23	Analyzed: 04/19/23			
Chloride	249	20.0	250	ND	99.4	80-120						
Matrix Spike Dup (2316027-MSD1)				Source:	E304089-0	1	Prepared: 0	4/19/23	Analyzed: 04/19/23			
Chloride	249	20.0	250	ND	99.6	80-120	0.190	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:	Onyx PWU 29 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/20/23 14:34

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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Printed: 4/19/2023 8:22:07AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Phone:	
Email: tom@pinnoil.com Due Date: 04/19/23 17:00 (0 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? Yes 2. Does the number of samples per sampling site location match the COC? Yes 3. Were samples dropped off by client or carrier? Yes 4. Was the COC complete, i.e., signatures, dates/stimes, requested analyses? Yes 5. Were all samples received within holding time? Yes Note: Analysis, such as pH which should be conducted in the field, i.e., to minute hold time, are not included in this dissussion. Comments/Resolution Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes 8. If yes, was cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample cooler received in good condition? Yes 10. Were custody/security seals intact? No 11. If yes, were custody/security seals intact? Yes 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Sample Container No 14. Are aqueous VOC samples present? No 15. Are VOC samples colle	
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Field Label	
20. Were field sample labels filled out with the minimum information:	
Sample ID? Yes	
Date/Time Collected? Yes	
Collectors name? No	
Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No	
· · ·	
22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? No	
·	
Multiphase Sample Matrix 26 Part de la	
26. Does the sample have more than one phase, i.e., multiphase?	
27. If yes, does the COC specify which phase(s) is to be analyzed? NA	
Subcontract Laboratory	
28. Are samples required to get sent to a subcontract laboratory?	
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	
Client Instruction	
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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 218313

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	218313
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created B	/ Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2303756344 ONYX 29 CTB 1, thank you. This closure is approved.	10/12/2023