Volume calculator

There was no volume calculator prepared when the spill occurred.



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

April 3, 2024

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

Re: Site Characteristic and Remediation Plan Report

Sea Snake 35 State 1H API No. 30-025-41625

GPS: Latitude 32.2544518 Longitude -103.5474319

UL -M, Section 35, T23S, R33E

Lea County, NM

NMOCD Ref. No. NTO1431629657

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Characteristic and Remediation Plan Report for a freshwater mud release that occurred at the Sea Snake 35 State 1H (Sea Snake)The initial C-141 was submitted on December 15, 2023 (Appendix C). This incident was assigned Incident ID NTO1431629657 by the New Mexico Oil Conservation Division (NMOCD).

#### **Site Characterization**

The Sea Snake is located approximately twenty-six (26) miles southeast of Eunice, NM. This spill site is in Unit M, Section 35, Township 23S, Range 33E, Latitude 32.2544518 Longitude -103.5474319, Lea County, NM. Figure 1 references a Location Map.

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

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04753), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.12 miles away from the Sea Snake, drilled, July 27, 2023. Conversely, as per the United States Geological Survey well water data (USGS321312103395601), the nearest groundwater depth in this region is recorded at 38 feet BGS, situated approximately 1.58 miles away from the Sea Snake, with the last gauge conducted in 2006. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

Table 1 NMAC and Closure Criteria 19.15.29									
Depth to Groundwater									
(Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene				
<50′	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg				
51-100' (C-04753)	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>NTO1431629657:</u> On November 9, 2014, a (BOP) blow out preventer driller was orienting tool face on motor to run through whipstock. The released fluids were calculated to be approximately 14 barrels (bbls) of Drilling Mud Fresh Water. A vacuum truck was able to recover 13 bbls of standing fluid. The Area was approximately 1600 sq ft,

#### Remediation Activities, Site Assessment, and Soil Sampling Results

On March 21, 2024, Pima mobilized personnel to the site to begin collecting soil samples from the 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.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51-100') DEVON ENERGY -SEA SNAKE 35 STATE#001H - nTO1431629657 Sample Date: 3-21-24 NM Approved Laboratory Results Total TPH Depth **BTEX** Benzene GRO DRO MRO CI Sample ID mg/kg mg/kg mg/kg (BGS) mg/kg mg/kg mg/kg mg/kg 2' ND ND ND ND ND 0 451 3' ND ND ND ND ND 196 S1 4' ND ND ND 25.6 ND 25.6 84.2 ND ND ND ND 0 ND ND ND ND ND 166 4' S2 ND 27.1 ND 27.1 79.2 ND ND ND ND ND ND ND 0 385 3' ND 0 161 ND ND ND ND S3 ND ND ND ND ND 0 96.5 SW1 1' ND ND ND ND 0 363 ND SW2 1' ND ND ND ND ND 0 397 0 SW3 1' ND ND ND ND ND 333 SW4 1' ND ND ND ND ND 0 230 BG1 0 1' ND ND ND ND ND ND

3-21-24 Soil Sample Results

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

#### **Remediation Work Plan**

On behalf of Devon, Pima proposes to remediate this area by the following method:

- 1. Submit a one-call through the NM811 system.
- 2. This is an active pad site that is still needed for drilling, producing, storing, disposing, injecting, transporting, servicing, or processing of crude oil and/or natural gas and their by-products.
- 3. We propose to excavate the affected area using mechanical and hand equipment. Site Map can be found in figure 4.
- 4. The estimated volume of soil to be remediated is approximately 59 cubic yards. This is based on a 200 square foot area with an average depth of 1' bgs.
- 5. After Devon submits a 48-hour notification, we will collect a 5-point composite sample from the excavated area in red on the Horizontal Delineation Map found in Figure 5. These sample points will include S1–S8, SW1–SW10
- 6. A total final of 18 composite samples will be collected, jarred, and delivered to the lab for official testing.
- 7. Upon final receipt of lab reports showing contamination levels are under the regulatory limits of Table 1 NMAC 19.15.29, and complete delineation horizontally, a new closure report will be drafted and submitted to the NMOCD portal for review and approval.

On behalf of Devon, Pima would like to request approval of this remediation work plan. Work can begin within 30 days of approval, contingent upon personnel and equipment scheduling.

For questions or additional information, please feel free to contact: Devon -Dale Woodall at 575-748-1838 or Dale.Woodall@dvn.com. Pima Environmental Services-Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

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

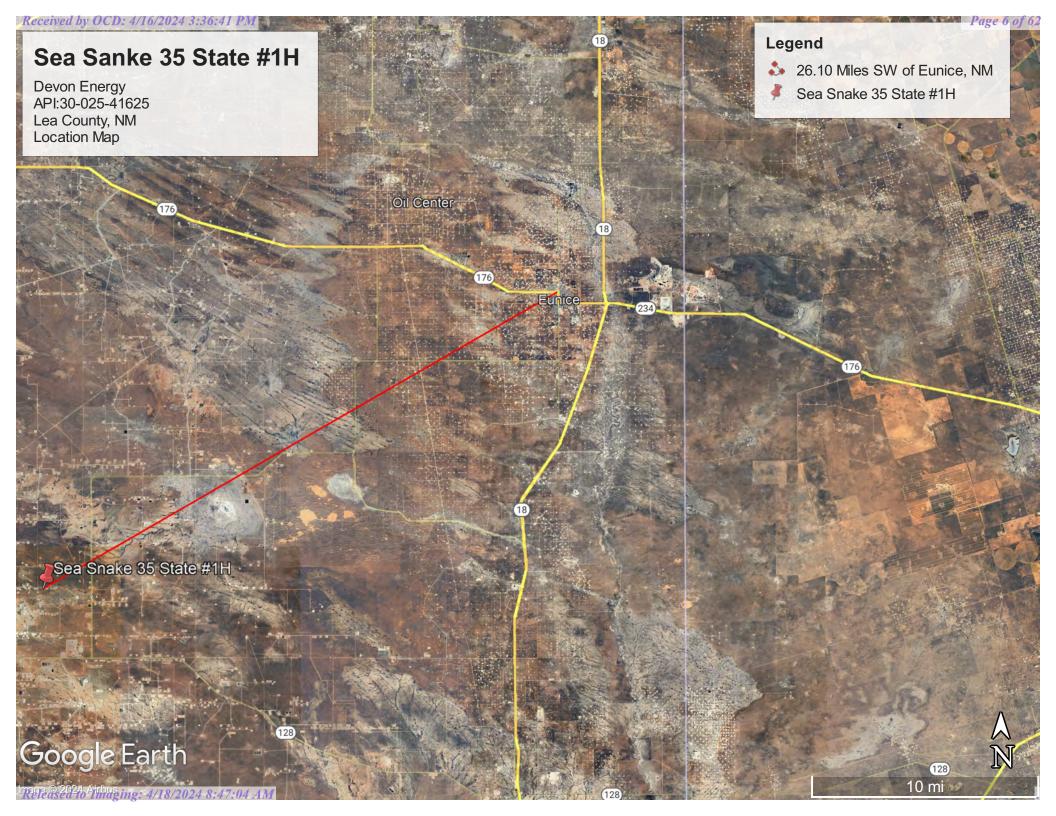
Appendix D – Photographic Documentation

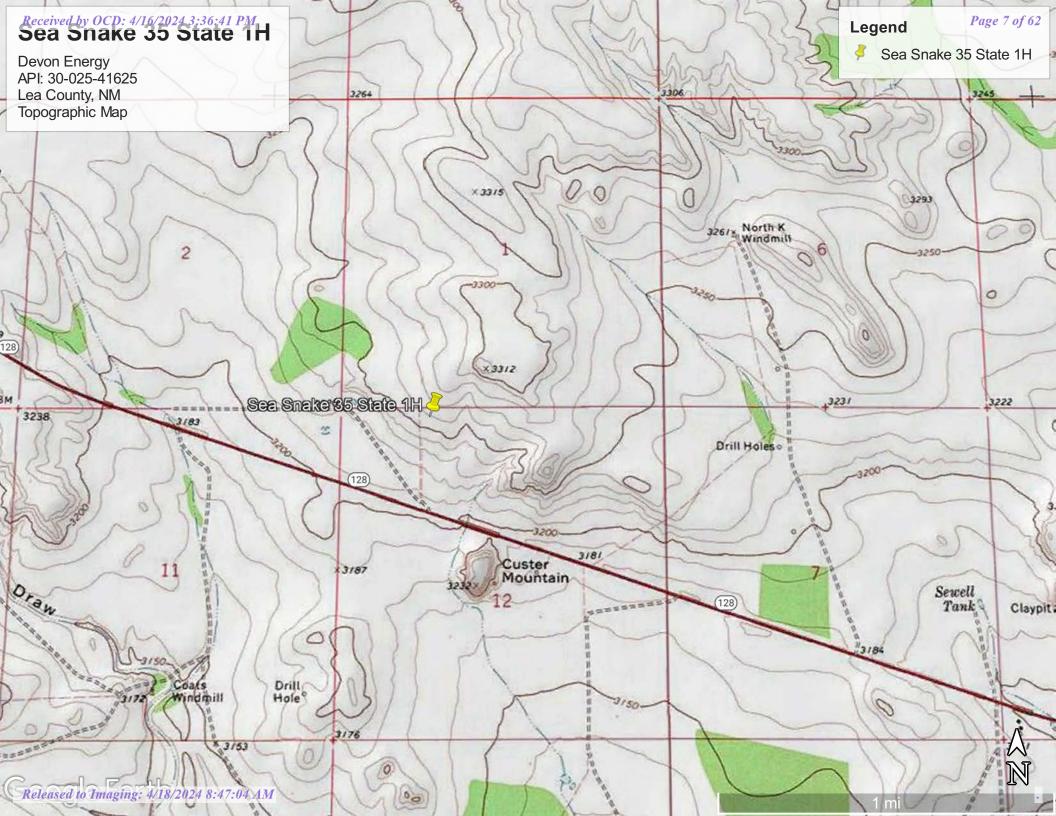
Appendix E – Laboratory Reports

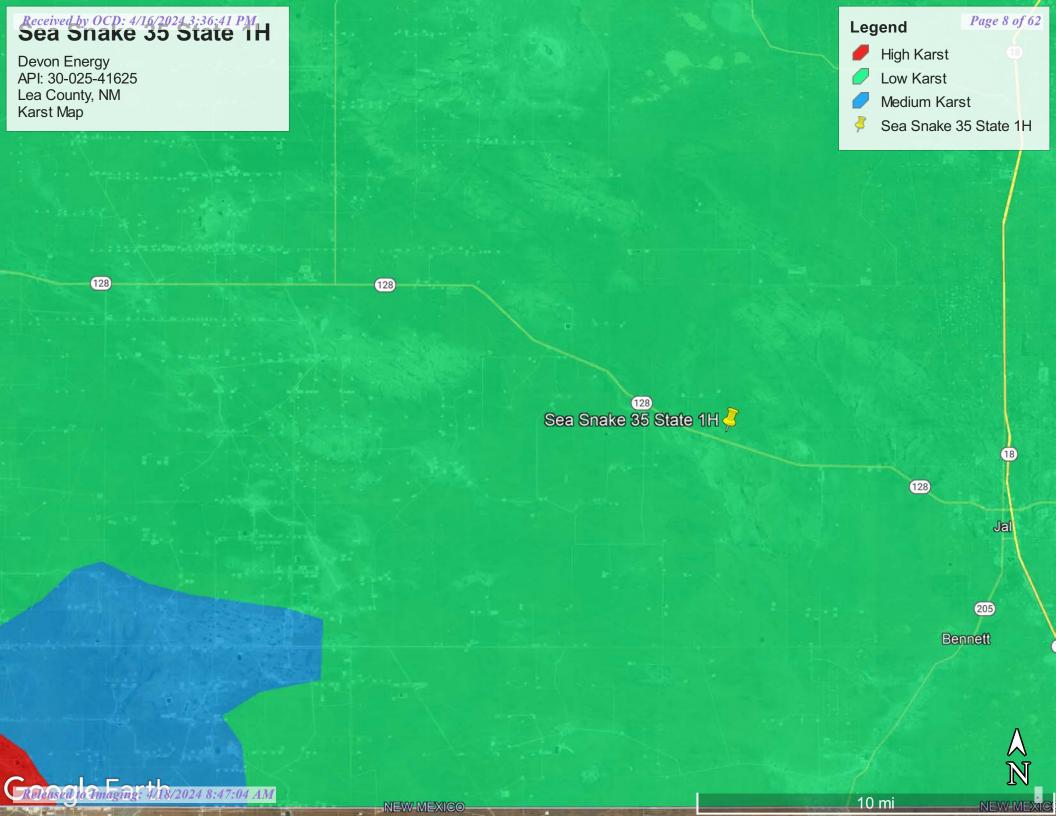


## Figures:

- 1. Locaton Map
- 2. Topographic Map
- 3. Karst Map
- 4. Site Map











## Appendix A

Water Surveys:

OSE

**USGS** 

Surface Water Map



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

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

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

closed)

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

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

(In feet)

		POD Sub-		Ω	Q	Λ								**	7-4
POD Number	Code		County				Sec	Tws	Rng	X	Y	DistanceDep	othWellDep		⁄ater lumn
C 04753 POD1		CUB	LE		4		35	23S	33E	637075	3569526	248	55		
C 04595 POD1		CUB	LE	4	3	3	34	23S	33E	635150	3569564	1680	55		
<u>C 02284</u>		CUB	LE	4	2	4	26	23S	33E	637907	3571626*	2325	325	225	100
C 04014 POD5		CUB	LE	1	4	2	01	24S	33E	639284	3569086	2500	95	85	10
C 04014 POD4		CUB	LE	3	4	2	01	24S	33E	639295	3568859	2564	96	86	10
C 04741 POD1		CUB	LE	1	2	4	10	24S	33E	636076	3567039	2635	55		
C 04014 POD3		CUB	LE	2	4	2	01	24S	33E	639497	3569007	2725	95	87	8
<u>C 02281</u>		CUB	LE	3	4	4	28	23S	33E	634495	3571183*	2840	545	400	145
<u>C 02308</u>		CUB	LE	1	3	1	10	24S	33E	634953	3567364*	2892	40	20	20
C 04014 POD2		CUB	LE	4	4	2	01	24S	33E	639656	3568917	2899	95	81	14
<u>C 02283</u>		CUB	LE	4	2	2	26	23S	33E	637896	3572431*	3057	325	225	100
<u>C 02280</u>		CUB	LE	3	2	4	28	23S	33E	634489	3571586*	3092	650	400	250
C 04014 POD1		CUB	LE	1	1	3	06	24S	34E	639811	3568638	3122	91	81	10
<u>C 02282</u>		CUB	LE	3	1	1	25	23S	33E	638098	3572436*	3138	325	225	100
<u>C 02278</u>		CUB	LE	3	4	2	28	23S	33E	634484	3571989*	3372	650	400	250
C 04707 POD1		CUB	LE	4	3	3	33	23S	33E	633413	3569469	3418			
<u>C 02279</u>		CUB	LE	3	4	3	28	23S	33E	633691	3571173*	3526	650	400	250
											Averaș	ge Depth to Wat	er:	208 fee	t

Average Depth to Water: 208 feet
Minimum Depth: 20 feet
Maximum Depth: 400 feet

Record Count: 17

UTMNAD83 Radius Search (in meters):

**Easting (X):** 636829.78 **Northing (Y):** 3569565.5 **Radius:** 4000

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.

10/19/23 9:56 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

<sup>\*</sup>UTM location was derived from PLSS - see Help



## New Mexico Office of the State Engineer

## **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** 

Q64 Q16 Q4 Sec Tws Rng

Y

NA

C 04753 POD1

35 23S 33E

637075

3569526

**Driller License:** 

**Driller Company:** 

**Driller Name:** 

**JASON MALEY 1833** 

**Drill Start Date:** 

07/27/2023

**Drill Finish Date:** 

07/27/2023

**Plug Date:** 07/31/2023

Log File Date:

08/21/2023

**PCW Rcv Date:** 

Source:

**Pump Type:** 

**Pipe Discharge Size: Estimated Yield:** 

**Casing Size:** 

2.00

Depth Well:

55 feet

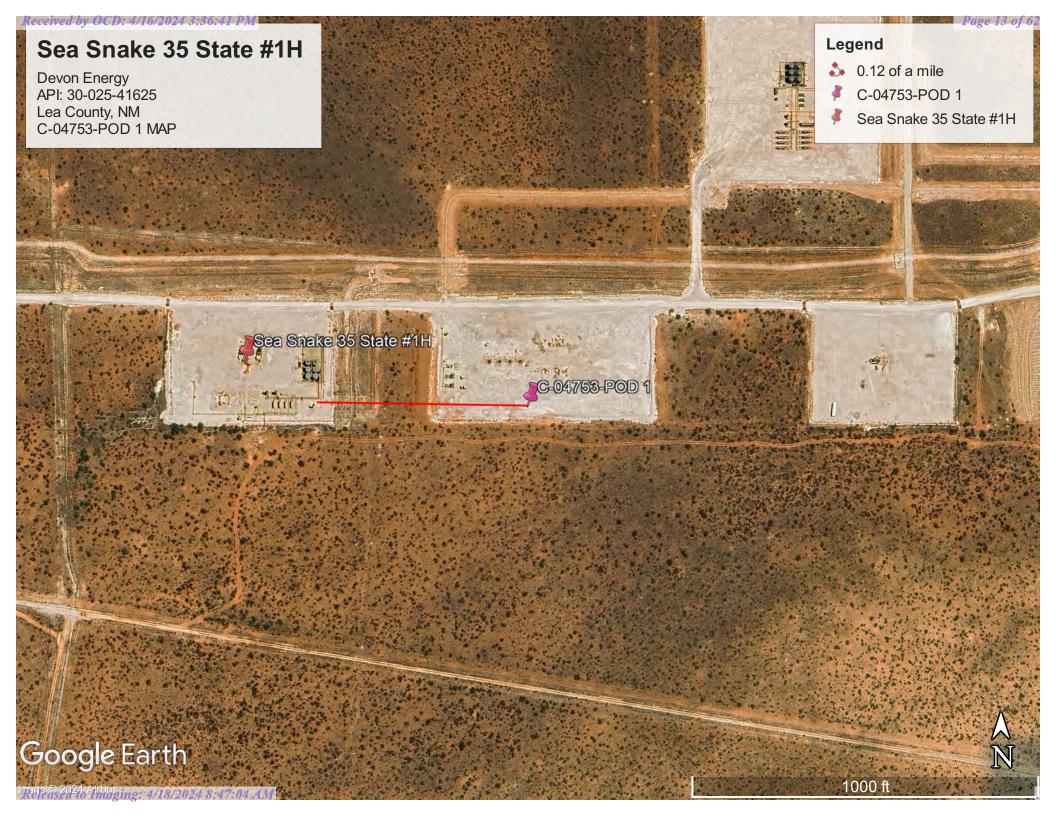
**Depth Water:** 

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

4/3/24 11:31 AM

POINT OF DIVERSION SUMMARY

Received by OCD: 4/16/2024 3:36:41 PM





USGS Home Contact USGS Search USGS

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

USGS Water Resources	Data Category:	Geographic Area:	
bods water resources	Groundwater ~	United States	GO

#### Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

#### **Search Results -- 1 sites found**

site\_no list =

• 321312103395601

#### Minimum number of levels = 1

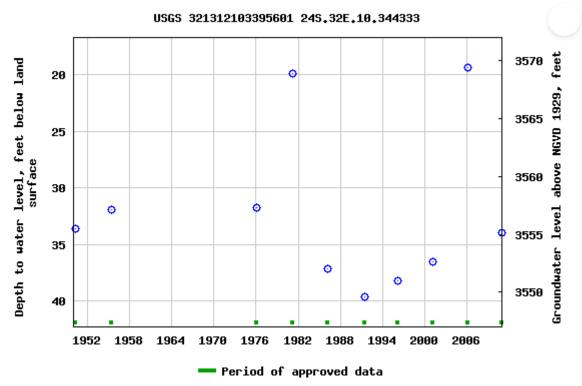
Save file of selected sites to local disk for future upload

#### USGS 321312103395601 24S.32E.10.344333

Available data for this site	Groundwater:	Field measurements	✓ GO	J	
Lea County, New Mexico					
Hydrologic Unit Code 1307	'0007				
Latitude 32°13'30.4", Lon	gitude 103°	<sup>2</sup> 39'52.7" NAD8	3		
Land-surface elevation 3,5	89.00 feet	above NGVD29			
The depth of the well is 60	feet below	land surface.			
This well is completed in th	าe Other aq	uifers (N99990	THER) na	tional aquife	er.
This well is completed in th	าe Alluvium	, Bolson Deposit	ts and Ot	her Surface	<b>Deposits</b>
(110AVMB) local aquifer.					

#### **Output formats**

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



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

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

Accessibility

FOIA

Privacy

Policies and Notices

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

**Title: Groundwater for USA: Water Levels** 

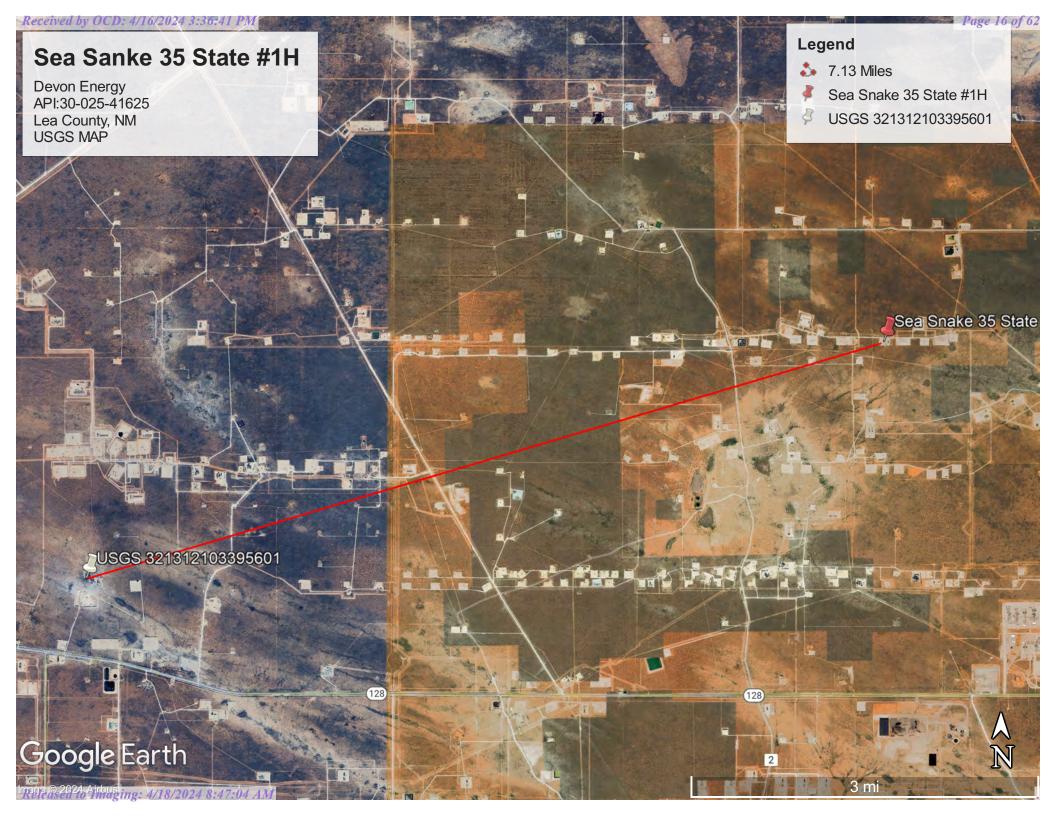
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

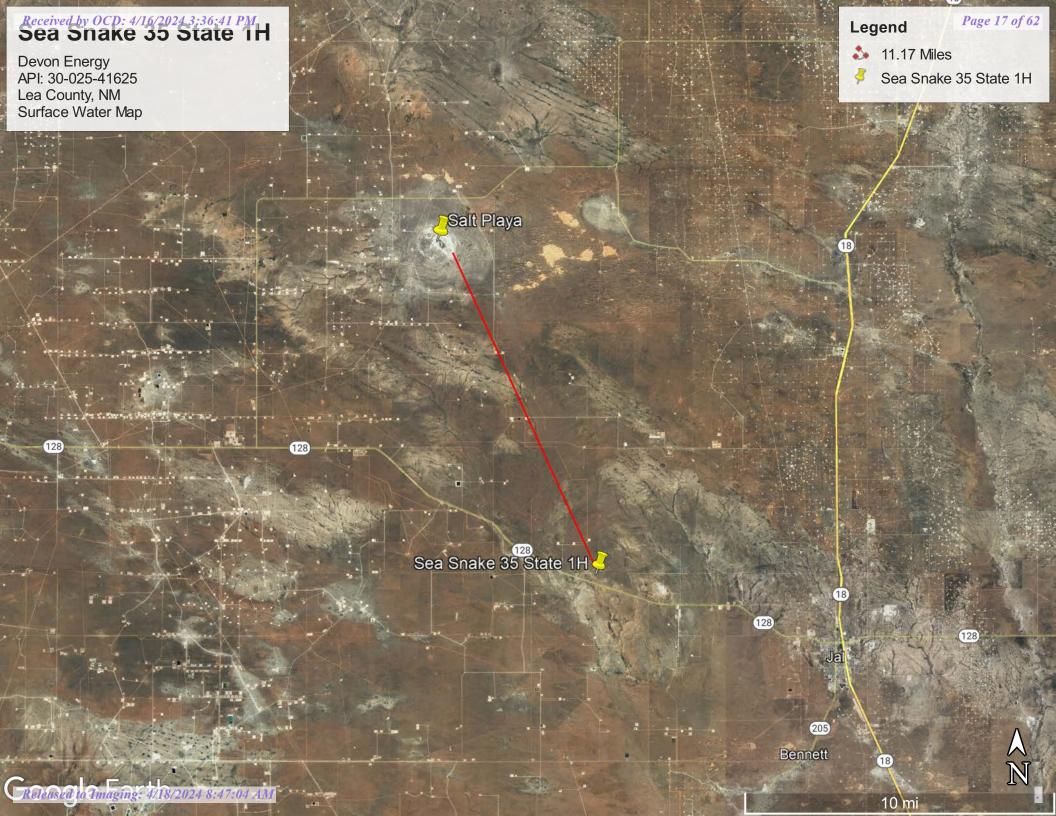
Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2024-04-02 14:20:07 EDT

0.63 0.51 nadww01









## Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

#### Lea County, New Mexico

#### PT—Pyote loamy fine sand

#### **Map Unit Setting**

National map unit symbol: dmqp Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 200 days

Farmland classification: Farmland of statewide importance

#### **Map Unit Composition**

Pyote and similar soils: 85 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

#### **Description of Pyote**

#### Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary

rock

#### Typical profile

A - 0 to 25 inches: loamy fine sand Bt - 25 to 60 inches: fine sandy loam

#### Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Negligible

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

(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.3 inches)

#### Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7s Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

#### **Minor Components**

#### Maljamar

Percent of map unit: 8 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

#### **Palomas**

Percent of map unit: 7 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

#### **Data Source Information**

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022

## National Flood Hazard Layer FIRMette





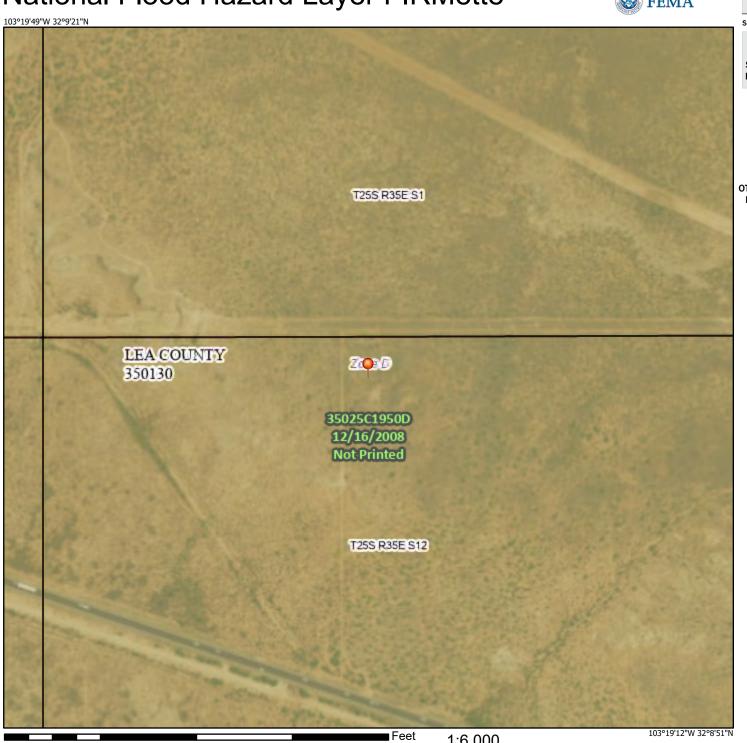
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or 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 Area with Flood Risk due to Levee Zone D FLOOD HAZARD 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

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/14/2023 at 7:38 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.

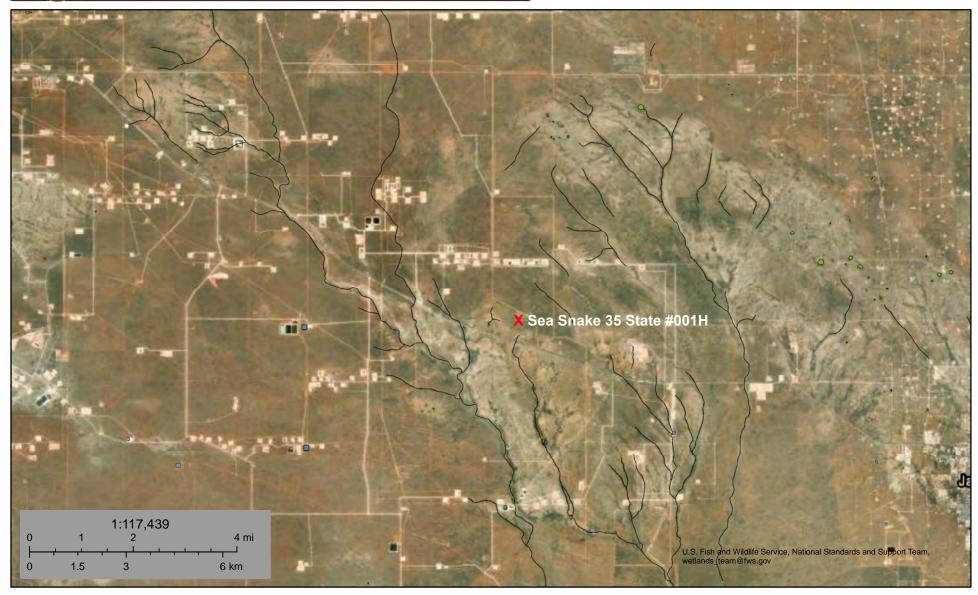
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



2.000



## Wetlands Map



February 15, 2023

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



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 D

Photographic Documentation



## SITE PHOTOGRAPHS DEVON ENERGY

#### Sea Snake 35 State #001H

#### **Assessment**





## Appendix E

**Laboratory Reports** 

Report to:
Gio Gomez



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: Sea Snake 35 State 1H

Work Order: E403234

Job Number: 01058-0007

Received: 3/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/29/24

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

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

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

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

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

Date Reported: 3/29/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Sea Snake 35 State 1H

Workorder: E403234

Date Received: 3/23/2024 11:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/23/2024 11:30:00AM, under the Project Name: Sea Snake 35 State 1H.

The analytical test results summarized in this report with the Project Name: Sea Snake 35 State 1H 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

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

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

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	03/29/24 16:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E403234-01A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S1-2'	E403234-02A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S1-3'	E403234-03A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S1-4'	E403234-04A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S2-1'	E403234-05A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S2-2'	E403234-06A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S2-3'	E403234-07A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S2-4'	E403234-08A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S3-1'	E403234-09A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S3-2'	E403234-10A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S3-3'	E403234-11A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
S3-4'	E403234-12A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
SW1	E403234-13A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
SW2	E403234-14A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
SW3	E403234-15A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
SW4	E403234-16A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.
BG1	E403234-17A	Soil	03/21/24	03/23/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

### S1-1' E403234-01

		E403234-01					
	D 1	Reporting	D.1		D 1		N
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	0.0505	0.0250		1	03/26/24	03/28/24	
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	0.120	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	1.56	0.0500		1	03/26/24	03/28/24	
Total Xylenes	1.68	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		121 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		117 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	170	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		121 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		117 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	13900	125		5	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	5280	250		5	03/27/24	03/28/24	
Surrogate: n-Nonane		103 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2413050
Chloride	1260	20.0		1	03/26/24	03/27/24	



Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

S1-2' E403234-02

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250		1	03/26/24	03/28/24	
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	ND	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500		1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250	į	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		105 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		105 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0		1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/27/24	03/28/24	
Surrogate: n-Nonane		71.5 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2413050
	451	20.0	-		03/26/24	03/27/24	

Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

S1-3' E403234-03

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2413038
Benzene	ND	0.0250	1	1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1	1	03/26/24	03/28/24	
Toluene	ND	0.0250	1	1	03/26/24	03/28/24	
o-Xylene	ND	0.0250	1	1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1	1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/27/24	03/28/24	
Surrogate: n-Nonane		76.6 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2413050
Chloride	196	20.0	1	1	03/26/24	03/27/24	



Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

S1-4' E403234-04

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250		1	03/26/24	03/28/24	
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	ND	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500		1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: RKS			Batch: 2413038	
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	25.6	25.0		1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/27/24	03/28/24	
Surrogate: n-Nonane		77.5 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2413050
Chloride	84.2	20.0		1	03/26/24	03/26/24	

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

#### S2-1' E403234-05

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2413038
Benzene	ND	0.0250	1	l	03/26/24	03/28/24	
Ethylbenzene	0.0420	0.0250	1	1	03/26/24	03/28/24	
Toluene	ND	0.0250	1	l	03/26/24	03/28/24	
o-Xylene	0.107	0.0250	1	l	03/26/24	03/28/24	
p,m-Xylene	1.80	0.0500	1	l	03/26/24	03/28/24	
Total Xylenes	1.90	0.0250	1	[	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		117 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		126 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2413038
Gasoline Range Organics (C6-C10)	142	20.0	1	l	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		117 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		126 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	12100	125	5	5	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	4300	250	5	5	03/27/24	03/28/24	
Surrogate: n-Nonane		101 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2413050
Chloride	1310	20.0	1		03/26/24	03/27/24	

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

S2-2' E403234-06

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg		Di	Analyst		7 mary 200	Batch: 2413038
Volatile Organic Compounds by EPA 8260B		mg/kg		1	03/26/24	03/28/24	Datch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250		1			
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	ND	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500		1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		111 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg		Analyst	: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		111 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0		1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/27/24	03/28/24	
Surrogate: n-Nonane		76.3 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2413050
Chloride	388	20.0		1	03/26/24	03/27/24	

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

S2-3' E403234-07

		Reporting					
Analyte	Result	Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS	š		Batch: 2413038
Benzene	ND	0.0250	1	. (	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1	. (	03/26/24	03/28/24	
Toluene	ND	0.0250	1	. (	03/26/24	03/28/24	
o-Xylene	ND	0.0250	1	. (	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1	. (	03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1	. (	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130	C	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	C	03/26/24	03/28/24	
Surrogate: Toluene-d8		109 %	70-130	C	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	. (	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130	C	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	C	03/26/24	03/28/24	
Surrogate: Toluene-d8		109 %	70-130	C	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1	. (	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	. (	03/27/24	03/28/24	
Surrogate: n-Nonane		75.4 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF			Batch: 2413050
Chloride	166	20.0			03/26/24	03/27/24	

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

S2-4' E403234-08

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2413038
Benzene	ND	0.0250	1	l	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1	1	03/26/24	03/28/24	
Toluene	ND	0.0250	1	1	03/26/24	03/28/24	
o-Xylene	ND	0.0250	1	1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1	1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2413082
Diesel Range Organics (C10-C28)	27.1	25.0	1	1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/27/24	03/28/24	
Surrogate: n-Nonane		77.6 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2413050
	79.2	20.0		1	03/26/24	03/27/24	

Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

S3-1' E403234-09

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	0.0920	0.0250		1	03/26/24	03/28/24	
Toluene	0.0375	0.0250		1	03/26/24	03/28/24	
o-Xylene	0.601	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	3.13	0.0500		1	03/26/24	03/28/24	
Total Xylenes	3.73	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		121 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		117 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	189	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		121 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		117 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	14400	125		5	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	5390	250		5	03/27/24	03/28/24	
Surrogate: n-Nonane		110 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2413050
	961	20.0		1	03/26/24	03/27/24	

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

S3-2' E403234-10

Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R			Batch: 2413038
Benzene	ND	0.0250	1		03/26/24	03/28/24	Buten: 2 112 02 0
Ethylbenzene	ND	0.0250	1		03/26/24	03/28/24	
Toluene	ND	0.0250	1		03/26/24	03/28/24	
o-Xylene	ND	0.0250	1		03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1		03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1		03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	M		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1		03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1		03/27/24	03/28/24	
Surrogate: n-Nonane		76.9 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: W	/F		Batch: 2413050
Chloride	385	20.0	1		03/26/24	03/27/24	

Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

S3-3' E403234-11

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	03/26/24	03/28/24	Batch: 2413030
Benzene	ND ND	0.0250	1	03/26/24	03/28/24	
Ethylbenzene Toluene	ND ND	0.0250	1	03/26/24	03/28/24	
	ND ND	0.0250	1	03/26/24	03/28/24	
o-Xylene	ND ND	0.0230	1	03/26/24	03/28/24	
p,m-Xylene Total Xylenes	ND ND	0.0300	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		106 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/24	03/28/24	
Surrogate: n-Nonane		75.2 %	50-200	03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2413050
Chloride	161	20.0	1	03/26/24	03/27/24	



Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

S3-4' E403234-12

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2413038
Benzene	ND	0.0250	1	l	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1	1	03/26/24	03/28/24	
Toluene	ND	0.0250	1	l	03/26/24	03/28/24	
o-Xylene	ND	0.0250	1	l	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1	l	03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1	[	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		111 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg mg/kg		Analyst: RKS			Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		111 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: I	ΚM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/27/24	03/28/24	
Surrogate: n-Nonane		79.1 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	WF		Batch: 2413050
Chloride	96.5	20.0	1		03/26/24	03/27/24	·



Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

#### SW1 E403234-13

		110020110				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2413038
Benzene	ND	0.0250	1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/26/24	03/28/24	
Toluene	ND	0.0250	1	03/26/24	03/28/24	
o-Xylene	ND	0.0250	1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/24	03/28/24	
Surrogate: n-Nonane		76.6 %	50-200	03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2413050
Chloride	363	20.0	1	03/26/24	03/27/24	



Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

#### SW2 E403234-14

		E10020111				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2413038
Benzene	ND	0.0250	1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1	03/26/24	03/28/24	
Toluene	ND	0.0250	1	03/26/24	03/28/24	
o-Xylene	ND	0.0250	1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2413038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1	03/27/24	03/28/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/24	03/28/24	
Surrogate: n-Nonane		78.6 %	50-200	03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: WF		Batch: 2413050
Chloride	397	20.0	1	03/26/24	03/27/24	

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

#### SW3 E403234-15

	D 1	Reporting			p 1		
Analyte	Result	Limit	Dıl	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250		1	03/26/24	03/28/24	
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	ND	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500		1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0		1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/27/24	03/28/24	
Surrogate: n-Nonane	·	73.8 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2413050
Chloride	333	20.0		1	03/26/24	03/27/24	



Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

#### SW4

#### E403234-16

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2413038
Benzene	ND	0.0250	1		03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1		03/26/24	03/28/24	
Toluene	ND	0.0250	1		03/26/24	03/28/24	
o-Xylene	ND	0.0250	1		03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1		03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1		03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		109 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		109 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1		03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1		03/27/24	03/28/24	
Surrogate: n-Nonane		75.1 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2413050
7 HII OH S D Y E1 77 500:07 50507 1							



Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

#### BG1 E403234-17

		E10020117					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: F	RKS		Batch: 2413038
Benzene	ND	0.0250	1		03/26/24	03/28/24	
Ethylbenzene	ND	0.0250	1		03/26/24	03/28/24	
Toluene	ND	0.0250	1		03/26/24	03/28/24	
o-Xylene	ND	0.0250	1		03/26/24	03/28/24	
p,m-Xylene	ND	0.0500	1		03/26/24	03/28/24	
Total Xylenes	ND	0.0250	1		03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: F	RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: I	ζM		Batch: 2413082
Diesel Range Organics (C10-C28)	ND	25.0	1		03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	03/27/24	03/28/24	
Surrogate: n-Nonane		77.9 %	50-200		03/27/24	03/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	WF		Batch: 2413050
Chloride	ND	20.0	1		03/26/24	03/27/24	



# **QC Summary Data**

Pima Environmental Services-Carlsbad Project Name: Sea Snake 35 State 1H Reported:

PO Box 247 Project Number: 01058-0007

Plains TX, 79355-0247 Project Manager: Gio Gomez 3/29/2024 4:21:22PM

Plains TX, 79355-0247		Project Manage	r: Gi	io Gomez				3/2	9/2024 4:21:22PN
	V	olatile Organ	ic Compo	unds by El	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413038-BLK1)							Prepared: 0	3/26/24 Anal	yzed: 03/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			
LCS (2413038-BS1)							Prepared: 0	3/26/24 Anal	yzed: 03/28/24
Benzene	2.88	0.0250	2.50		115	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.95	0.0250	2.50		118	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.46	0.0500	5.00		109	70-130			
Total Xylenes	8.24	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			
Matrix Spike (2413038-MS1)				Source:	E403234-	04	Prepared: 0	3/26/24 Anal	yzed: 03/28/24
Benzene	2.37	0.0250	2.50	ND	94.8	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135			
Toluene	2.44	0.0250	2.50	ND	97.6	48-130			
o-Xylene	2.36	0.0250	2.50	ND	94.2	43-135			
p,m-Xylene	4.67	0.0500	5.00	ND	93.5	43-135			
Total Xylenes	7.03	0.0250	7.50	ND	93.7	43-135			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
Matrix Spike Dup (2413038-MSD1)				Source:	E403234-	04	Prepared: 02	3/26/24 Anal	yzed: 03/28/24
Benzene	2.84	0.0250	2.50	ND	114	48-131	18.2	23	
Ethylbenzene	2.75	0.0250	2.50	ND	110	45-135	17.4	27	
Toluene	2.93	0.0250	2.50	ND	117	48-130	18.3	24	
o-Xylene	2.90	0.0250	2.50	ND	116	43-135	20.6	27	
p,m-Xylene	5.68	0.0500	5.00	ND	114	43-135	19.5	27	
Total Xylenes	8.58	0.0250	7.50	ND	114	43-135	19.9	27	
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
			0.500		101	50 150			



0.500

70-130

0.521

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

# **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

Plains TX, 79355-0247		Project Number Project Manager		o Gomez					3/29/2024 4:21:22PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	:
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413038-BLK1)							Prepared: 0	3/26/24	Analyzed: 03/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			
LCS (2413038-BS2)							Prepared: 0	3/26/24	Analyzed: 03/28/24
Gasoline Range Organics (C6-C10)	57.6	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	0.568		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.2	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			
Matrix Spike (2413038-MS2)				Source:	E403234-0	04	Prepared: 0	3/26/24	Analyzed: 03/28/24
Gasoline Range Organics (C6-C10)	56.6	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			
Matrix Spike Dup (2413038-MSD2)				Source:	E403234-0	04	Prepared: 02	3/26/24	Analyzed: 03/28/24
Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130	0.425	20	
Surrogate: Bromofluorobenzene	0.549		0.500		110	70-130			

0.500

0.500

93.2

108

70-130

70-130



# **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Sea Snake 35 State 1HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez3/29/2024 4:21:22PM

	Project Manage	r: Gi	o Gomez				3/2	29/2024 4:21:22PN
Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	3/27/24 Anal	yzed: 03/28/24
ND	25.0							
ND	50.0							
37.3		50.0		74.7	50-200			
						Prepared: 0	3/27/24 Anal	yzed: 03/29/24
218	25.0	250		87.0	38-132			
35.0		50.0		70.0	50-200			
			Source:	E403234-	05	Prepared: 02	3/27/24 Anal	yzed: 03/28/24
12900	125	250	12100	332	38-132			M4
50.2		50.0		100	50-200			
			Source:	E403234-	05	Prepared: 0	3/27/24 Anal	yzed: 03/28/24
15000	125	250	12100	NR	38-132	15.4	20	M4
52.1		50.0		104	50-200			
	Result mg/kg  ND ND 37.3  218 35.0  12900 50.2	Nonhalogenated Or   Reporting   Limit   mg/kg     Limit   mg/kg     ND   25.0   ND   50.0     37.3     218   25.0     35.0     12900   125     50.2     15000   125	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151   Result	Nonhalogenated Organics by EPA 8015D - DRO   Result   Limit   Level   Result   Rec   mg/kg   mg/kg   mg/kg   mg/kg   %	Nonhalogenated Organics by EPA 8015D - DRO/ORO   Result   Limit   Level   Result   Rec   Limits   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %   %   %     %   %   %   %	Nonhalogenated Organics by EPA 8015D - DRO/ORO   Result   Reporting   Limit   Level   Result   Rec   Limits   RPD   mg/kg   mg/kg   mg/kg   mg/kg   % % % % % % % % % % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO   Result   Result   Rec   Limits   RPD   Limit   Limit   mg/kg   mg/kg   mg/kg   mg/kg   % % % % % % % %   % % % % % % % % %



Chloride

Chloride

Matrix Spike Dup (2413050-MSD1)

#### **QC Summary Data**

Pima Environmental Services-Carlsba PO Box 247 Plains TX, 79355-0247	nd	Project Name: Project Number: Project Manager	: 0	ea Snake 35 S 1058-0007 Gio Gomez	tate 1H				<b>Reported:</b> 3/29/2024 4:21:22PM
1 Idiiis 1A, 75535-0247				300.0/9056	<b>A</b>				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2413050-BLK1)							Prepared: 0	3/26/24 Aı	nalyzed: 03/26/24
Chloride	ND	20.0							
LCS (2413050-BS1)							Prepared: 0	3/26/24 Aı	nalyzed: 03/26/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2413050-MS1)				Source:	E403234-	04	Prepared: 0	3/26/24 Aı	nalyzed: 03/26/24

250

250

20.0

20.0

84.2

84.2

106

98.9

Source: E403234-04

80-120

80-120

5.12

Prepared: 03/26/24 Analyzed: 03/26/24

20

349

331

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Gio Gomez	03/29/24 16:21

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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

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

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

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



Affertion:	Client: F	Pima Env	ironmen	tal Servi	ces	BIII To	e m	1 04 00	W GB	Li	b U	se Or	alv		1		TA	F		FDAD	
Address: 5614 N. Lovinston Hwy.  City. State, 216 Phone: 808-782-1151 Email: gloc@plmool.com Report due by:  Time Date Sampled Sampled Sampled Sample ID  Single Sampled Sample ID  Single Sampled Sample ID  Single Sam					14	Attention: De VOA		Lab	WO			Job	Num		1D	2D			indard		SDWA
Since As the Hobbs, NM, 88240 Phone: 806-782-1151 Email: glo@olimocil.com Report due by:  Time Some Sample Matrix Considers Sample ID  \$\frac{1}{3}/2! \lequip \frac{1}{3}/2! \lequip \	Address	5614 N	. Lovingt	on Hwy.				E	103	23	4	_	_	100				X	are an area of		
Email: alio@pimaoil.com				M. 88240		Phone:			Г			Tilai	y 313 al	iu wetho	T			$\dashv$	-		RCRA
Report due by:   Pima Project # 26f1   A						Email:		515	51									1	Let in the second	State	
\$:.16	De la companya della companya della companya de la companya della		iaoii.com	<u> </u>		Pima Project # 26H			) by 80	3021	260	910	300.0		M	×		1			TX
\$:.16	100000000000000000000000000000000000000		Matrix		Sample ID			DRO/OR	GRO/DRO	BTEX by 8	VOC by 8	Metals 60	Chloride 3		1000			-	Х	Remarks	
8:36   S/- 3'   3   3   3   3   3   3   3   3   3	8:16	3/21	5	1	51-1'		1						Ü								
8:46   SI-4'	8:27			1	51-2'		2								1						
8:58   S2-1'   S2-2'	8:35						3								1						-
9:11  SZ-2'  9:36  SZ-3'  7  SZ-4'  9:53  SZ-4'  9:53  SZ-2'  SZ-4'  9:53  SZ-2'  SZ-4'  9:53  SZ-2'  SZ-2'  SZ-4'  SZ-4'  SZ-4'  SZ-4'  SZ-2'  SZ-4'  SZ-2'  SZ-4'  SZ-2'  SZ-4'  SZ-2'  SZ-4'  SZ-2'  SZ-4'  SZ-2'  SZ-2'  SZ-4'  SZ-2'	8:46				51-4,		4											1			
9: 11	8:58						5								1						
9:36  9:48  53-1'  9  10  Sampler, attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Sampled by:  Recipical by:  Recip	9:11				SZ-2'		6								#						
9:48  S3-1'  9:53  S3-2'  Additional Instructions:  BH 21/27518  I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample of the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Sampled by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample of the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Sampled by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample by:  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample location,  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample sample location,  Samples requiring thermal preservation must be reteled on ice the day they are sampled or reconstruction of the sample	9:28				52-3'		7											1			
Additional instructions:  But 21/27518  I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Relinquished by: (Signature)  Date  Time  Received by: (Signature)  AVG Temp °C  AVG Temp °C  AVG Temp °C	9:36				SZ-4"		8								I			1			
Additional Instructions:    BH 21/27518     (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.    Received by: (Signature)   Date   Samples requiring thermal preservation must be received on ice the day they are sampled or received on ice at an avg temp above 0 but less than 6 °C on subsequent days.    Received by: (Signature)   Date   Time   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Capture   Time   Capture   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Capture   Time   Capture   Capture   Capture   Time   Capture   Capture   Time   Capture   Capture   Time   Ti	9:48				53-1'		9											1			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Relinquished by: (Signature)  Date  3 22 24 Time  Received by: (Signature)  Date  Time  AVG Temp °C			-1		53-2"		10											1			
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Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  AVG Temp °C  AVG Temp °C	11/4	Pur				Received by: (Signature)	Date		Time		3.0		iveu	on ice:		1 14		- 2	9		
Sample Matrix: 5 - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Relinquish	ed by: (Signa	ature)			Received by: (Signature)		4				.1			12	-		- I	3		
1 - The B Blass, P - Poly/ plastic, ak - alliper kiass, V - V()A	Sample Mati	rix: S - Soil, So	l - Solid, Sg -	Sludge, A - A	queous, O - Other_		Container	Type	9-0	lass n					r glas						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.	Note: Samp	oles are disc	arded 30 da	ays after re	sults are reported	d unless other arrangements are made. Hazard	nus samnlae will	ha rate	irnad	to ella		-Jt	-1-6	at the clier	it expe	nse.	The rep	port fo	r the analys	is of the al	nove



**Project Information** 

Client: F	ima Env	ironmen	tal Servi	ces	→ Bill To		i walio	v Link	La	b Us	e Or	lv	enter et es	1	_	TA	AT		FRAR	
Project:	Sea Sno	Cla Car	State	1 H	Attention: Devon		Lab	WON		1.20	Job	Numb	r T	1D	2D	Tabl		ndard	CWA	rogram
Address:	5614 N	Lovingt	on Hun		Address:		EC	103	323	4	010	58-6	2007				W	- Idara	CWA	JUVA
	e, Zip H				City, State, Zip Phone:	-					Analy	sis and	Metho	d						RCRA
	806-782-		11. 5.5.2.15		Email:		0	10												
	gio@pim	aoil.com	1			1	8015	801				0				П	1	usal col	State	
Report d					Pima Project # 261-1		30 by	to by	802	8260	9010	300		Z	7			WIVI CO	UT AZ	IX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by	Metals 6010	Chloride 300.0		верос	ВСВОС		ľ		Remarks	
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10:11			-1	53-4	?	12								1			1			
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10:31				SWS		15								Ħ			1			
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l, (field samp date or time	iler), attest to of collection	the validity	and authenti	city of this sample. I	am aware that tampering with or intentionall	y mislabelling the sample	location	n,	-	S	Sample	requiring	thermal pr	reservati	on mus	t be rece	eived on i	ce the day the	ey are sample	d or received
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Sample Matr	ix: 5 - Soil, 50	- Solid, Sg - :	Sludge, A - Ad	queous, O - Other_		Container	Type:	n - cl	355 5			Temp	1000	-						
Note: Samp	les are disc	arded 30 da	ays after res	ults are reported i	unless other arrangements are made. Haratory with this COC. The liability of the	Container azardous samples will b		road t	a allan		11.	1	- ambe	r glass	5, V - \	VOA				
samples is a	applicable o	nly to those	e samples re	ceived by the labo	ratory with this COC. The liability of the I	aboratory is limited to	the an	nount	paid fo	ron	the re	nort	the then	expe	nse.	ine rep	port for	the analys	is of the al	ove



envirotech Inc.

Printed: 3/25/2024 3:53:58PM

#### **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.

Date Logged In By Aloah Mohada  Date Logged In By Aloah Mohada  Date Logged In By Aloah Mohada  Date Date Commenter of Samples per simpling side heation match the COC  Yes  A Was the COC complete, i.e., signatures, dates/irres, requested analyses  Yes  Vene analyses proceed within bothing intel  Yes  Vene analyses proceed within bothing intel  Yes  Vene and samples recreated within bothing intel  Yes  Vene and samples recreated within bothing intel  Yes  Vene and samples be analyses and intellection of the samples of the comment of the field,  I.e., where the control the transport of the control of the field  I.e., where control is the samples of the comment of the field  I.e., where control is the samples of the comment of the field  I.e., where control is the field of the distriction of the field  I.e., where control is the field of the distriction of the field  I.e., where control is the field of th	Client:	Pima Environmental Services-Carlsbad	Date Received:	03/23/24	11:30		Work Order ID:	E403234
Email: giologiumoni com Dose Date: 05/29/24 17:00 (4 dos TAT)  Chain of Custedy (COC)  1. Dose the sample ID match the COC? 2								
Chain of Custody (CXC)  1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC yes a consequence of the yellow of the control of samples per sampling site location match the COC yes a consequence of the yellow of the control of the COC complete, i.e., signatures, dates/times, requested analyses?  4. Was the COC complete, i.e., signatures, dates/times, requested analyses?  5. Were all samples received within bolding time?  8. Wase all samples received within bolding time?  8. Wase Analysis, so in a pil which should be anothered in the field, i.e. is 1 strained with draw, are of the traded in this disease.  8. Early First Another 1. On the COC Condition should be anothered in the field, i.e. is 1 strained with the control of the COC Condition should be a condition?  9. Was the samples received that i.e., not broken?  9. Was the samples received that i.e., not broken?  10. Were calsody-forcurity seals present?  10. Were calsody-forcurity seals intent?  12. Was de samples received into its CY type, the received lamps in eVC, i.e., 69/2/2C  12. Was de samples received into its CY type, the received lamps in eVC, i.e., 69/2/2C  13. It no visible its, created the remediate lamps in eVC, i.e., 69/2/2C  14. Are anaptives VOC samples present?  15. Are VOC samples present?  15. Are VOC samples collected in VOA Visib?  16. It the head space less that 6-8 mm (pes sized or less)?  17. Was an ip blant (II) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. It is the load space less than 6-8 mm (pes sized or less)?  19. It is the load space less than 6-8 mm (pes sized or less)?  19. It is the load space less than 6-8 mm (pes sized or less)?  19. It is the load space less than 6-8 mm (pes sized or less)?  19. Are VOC samples collected in the correct containers?  19. Are non-VOC samples or the consequence of the correct containers?  19. Were field sample lamps in the correct containers?  19. Were field sample lamps in the correct cont							Logged In By:	Alexa Michaels
L. Does the number of samples are sampling site location match the COC 3. Were samples dropped off by elicat or carrier? 4. Was the COC complete, i.e., signatures, dataselvines, requested analyses? 5. Were all samples received within locing time? 6. Were large received within locing time? 6. Were large received within locing time? 6. Stream of the COC increases and the discussion. 6. Stream of the COC increases and the discussion. 6. Stream of Tarrier and Tarrier and the discussion. 6. Stream of Tarrier and Tarrier a	Emaii:	gio@pimaoii.com	Due Date:	03/29/24	17:00 (4 day 1A1)			
L. Does the number of samples are samplise give location march the COC 3. Were samples dropped off by elicit or carrier? 4. Wis the COC complexe, i.e., signatures, dataselvines, equested analyses? 5. Were all samples received with including interior of samples are received with including interior of samples and received with including interior of samples are received with including interior of samples and the core covered in this dissession.  Samule Turn Acound Time (TAT)  5. Did the COC indicate standard TAT, or Expedited TAT?  8. If yes, was conder received in good condition?  9. Was a sample cooler received in good condition?  9. Was the samples proceeded in set of If yes, the received tamp is 4°C, i.e., 6°12°C.  Note: The proceeded in set of If yes, the received tamp is 4°C, i.e., 6°12°C.  Note: The proceeded in set of If yes, the received tamp is 4°C, i.e., 6°12°C.  Note: The proceeded in set of If yes, the received and is 1°C.  13. If no visible ice, received in good condition?  13. If no visible ice, received in good condition?  14. Was a trip and preservation in our required, if samples members are received with 1°C.  15. An eVOC samples collected in VOA Viale?  15. An eVOC samples collected in VOA Viale?  16. Are non-VOC samples collected in VOA Viale?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in VOA Viale?  19. Were field sample labels filled out with the minimum information:  Sample DO over field indeed in vocation of the correct containers?  19. The set of the correct preserved?  20. Were field sample labels filled out with the minimum information:  Sample DO over field indeed for VOC analyses?  10. The over the received in VOA Viale?  11. Des the control of the correct preserved?  12. Are sampled to proceed preserved?  13. In the finance of the correct than one phase, i.e., multiphase?  24. Are sampled to proceed preserved?  25. Are sampled to proceed the members of sample control in the order of the proceed of the correct the order of the proceed of t	Chain o	f Custody (COC)						
2. Does the number of samples per sampling site location match the COC 3. Were samples dopped offly client or carrier? 4. Was fice COC complete, i.e., signatures, dated times, requested analyses? 5. Were all samples received within holding imm? 5. Were all samples received within holding imm? 6. Does the COC control of the CATA 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 8. Were causoby-investity seals prisent? 8. No. Were causoby-investity seals intact? 12. Was the sample corried on itself (Fays, the received temp is 4°C, i.e., 6°L2°C. 13. If no visible sice, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Visib? 15. Are VOC samples collected in VOA Visib? 16. Is the load space less than 6-8 mm (pas sized or less)? 17. Was a trip blank (11b) included for VOC unalyses? 18. Are no-VOC samples collected in VOA Visib? 18. Are no-VOC samples collected in VOA Visib? 19. Is the appropriate volume-less) for required or family the convect containers? 19. Is the appropriate volume-less) for required in family information: 19. Sample 102? 20. Were fall sample labels filled out with the minimum information: 19. Sample 102? 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples collected? 23. Are samples collected? 24. Is all official required and or requested for dissolved metals? 25. Does the COC or field labels indicate the samples were preserved? 26. No. 27. Hours a sample sample sample sample on the analyze? 28. Are samples collected in volume of the analyze? 29. Was an abcontract laboratory specified by the client and if so who? 29. Was an abcontract laboratory specified by the client and if so who? 29. Was an abcontract laboratory specified by the		<del>-</del>		Ves				
3. Were samples dropped off by client or carrier?  4. Was the COC complete, i.e., signature, states/theres, equested analyses?  5. Were all samples received within holding time?  5. Were all samples received within holding time?  6. Did the COC indicate standard TAT, or Expedited TAT?  6. Did the COC indicate standard TAT, or Expedited TAT?  8. If yes, was cooler received in good condition?  9. Was a sample cooler received in good condition?  9. Was the samples preceived minet, i.e., not broken?  10. Were caustody/security seals inster?  10. Were caustody/security seals inster?  11. If yes, were custody/security seals inster?  12. Was the sample received on for Tyes, the recorded temp is 4°C, i.e., 6°±2°C  13. If an withle tee, record the temperature. Actual sample temperature: 4°C  14. Are agreeus VOC samples green?  14. Are agreeus VOC samples green?  15. Are VOC samples collected in VOA vials?  16. Is the band space less than 6-8 mm (pea sized or less)?  18. Are non-VOC samples collected in VOA vials?  18. Are non-VOC samples of the compensation of sample containers collected?  19. It is a sample and the collected of the contract ornainers?  19. It is the appropriate volune/weight or runther of sample containers collected?  19. It is the appropriate volune/weight or runther of sample containers collected?  19. It is the appropriate volune-weight or runther of sample containers collected?  19. It is the appropriate volune-weight or runther of sample containers collected?  19. It is the appropriate volune-weight or runther of sample containers collected?  19. It is the appropriate volune-weight or runther of sample containers collected?  29. Wes a subcontract Laboratory specified by the client and if so who?  20. Are samples contracted aboratory specified by the client and if so who?  20. Were all samples as more than one plasse, i.e., multiphase?  20. Are samples required and or requested for dissolved metals?  20. Were all samples as more than one plasse, i.e., multiphase?  21. If yes, does the COC specify w		•	ch the COC					
4. Was the COC complexe, i.e., signatures, datestimes, requested analyses?  Were all samples received within holding time?  New earl samples received within holding time?  Some Analysis, such a pil which should be combined in the field, i.e., is minute holding, are not included in this disease.  Sample Chooler.  7. Was a sample cooler received in good condition?  Yes  8. If yes, was cooler received in good condition?  Yes  10. Where custody-security seals initiat?  11. If yes, ware costody-security seals initiat?  12. Was the sample cooler received in good condition?  No  11. If yes, were costody-security seals initiat?  12. Was the sample cooler received in good condition?  No  11. If yes, were costody-security seals initiat?  12. Was the sample cooler one in the received on					Comion C			
Sweep all samples received within holding time? Note Analysis, each say of which should be conducted in the field, ic, 15 minute hold time, are not included in this discussion.  Sample Turn Around Time (TAT)  6. Did the COC's indicate standard TAT, or Expedited TAT?  7. Was a sample cooler received in good condition?  9. Was a sample cooler received in good condition?  9. Was the sample's preceived mate, i.e., not broken?  10. Were custody/security seals precent?  11. Hyes, were custody/security seals precent?  12. Was the sample received on itself 1979, the recorded lump is d*C, i.e., 6*2*C  12. Was the sample conducted the temperature.  13. If no visible icc, record the temperature. Actual sample temperature: d*C  Sample Container.  14. Are aqueous VOC samples collected in VOA Valas?  16. Is the head space cless than 6*R mm (pea sized or less)?  18. Are VOC samples collected in the cornect containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Sample ID?  10. Date Time Collected?  10. Collectors numm?  11. Joes the COC or field labels indicate the samples were preserved?  11. No  12. Date site COC or field labels indicate the samples were preserved?  12. Does the COC or field labels indicate the samples were preserved?  12. Does the COC or field labels indicate the samples were preserved?  13. Are Samples are equived and or requested for dissolved metals?  14. Are applied have more faunone phase, i.e., multiphase?  15. Are Samples required to get sent to a subcentraet laboratory?  16. Are samples required to get sent to a subcentraet laboratory?  17. No  18. Are non-precipited and or required and or the samples were preserved?  18. Are non-precipited by the elient and if so who?  18. Are			ted analyses?		Carrier: <u>C</u>	<u>ourier</u>		
Note: Analysis, sach as pil wishe should be conducted in the field, it, it, 15 minus hebd time, are not included in this cluserssion.  Sample Thru Around Time (TAT)  8. If yes, was cooler received?  9. Was the sample cooler received in good condition?  10. Were ustable/security seals intact?  10. Were ustable/security seals intact?  11. If yes, ware coutdo/security seals intact?  11. Was a sample cooler received in good condition?  12. Was the sample received on its fif yes, the recorded temp is 4°C, i.e., 6°42°C  Note: Thermal preservation is not required, if samples are received wil 15 minutes of sampling received on its fif yes, was coutdo/security seals intact?  13. If no visible ice, record the temperature: 4°C  Sample Container.  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head specile leash an 6-8 min (resuized or less)?  17. Was a trip blank (1B) included for VOC analyses?  19. Is the appropriate volume-weight or number of sample containers collected?  19. Were field sample labels filled out with the minimum information:  Sample ID?  Sample ID?  Sample ID?  Sample ID occurred to the correct containers?  Yes  Sample ID?  22. Are samples occorrectly received?  No.  Mathibane Sample Matrix.  24. Is lab filteration required and/or requested for dissolved metals?  No.  Multiphase Sample have more than one phase, i.e., multiphase?  25. Are samples have more than one phase, i.e., multiphase?  26. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC operity which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory  29. Was a subcostract Laboratory.  29. Was a subcostract Laboratory specified by the client and if so who?  No.  Subcontract Lab.  Subcontract Lab		- · · · · · · · · · · · · · · · · · · ·	ica anaryses.					
8. Did the COC indicate standard TAT, or Expedited TAT?  7. Was a sample cooler received?  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample's received intact, i.e., not broken?  10. Were custedy-security seals intact?  11. If yes, were custedy-security seals intact?  11. If yes, were custedy-security seals intact?  12. Was the sample received on ice If Yey, the recorded temp is 4°C, i.e., 6°42°C  Note: Thermal preservation is not required, if samples are received wit 15 nitimates of sampling  13. If no visible ice, record the temperature. Actual sample temperature:  4°C Sample Contained.  14. Are aqueeus VOC samples present?  15. Are VOC Samples collected in VOA Vials?  NA  16. Is the head space less than 6.8 mm (pea sized or less)?  NA  17. Was a trip blank (TB) included for VOC analyses?  NA  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. See Sample ID?  20. Were field sample labels filled out with the minimum information:  Sample ID?  21. Does the COC or field labels indicate the samples were preserved?  22. Are sample, or correctly preserved?  23. Are sample, or correctly preserved?  24. Is lab filteration required and/or requested for dissolved metals?  No  Mattiphase Sample Matrix  25. Does the sample labor more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples for a subcontract laboratory;  29. Was a subcontract laboratory specified by the client and if so who?  NA  Subcontract Lab: NA  Client Instruction	J. Wele	Note: Analysis, such as pH which should be conducted in		103	_		<u>Comment</u>	s/Resolution
Sample Cooler 7. Was a sample cooler received? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received not ince 'git' yes, the receoded temp is 4°C, i.e., 6°12°C Note: Themal preservation in not required, if samples are received will 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample: Container 14. Are aqueous VOC samples collected in VOA Vials? 16. Is the head space less than 6.8 mm (pas sized or less)? 17. Was a trip blank (IB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Deservation 20. Were field sample labels filled out with the minimum information: 19. Sample ID of Collected? 20. Samples Collected? 21. Does the COC of field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the Soci of field labels indicate the samples were preserved? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? 20. Als subcontract Laboratory specified by the client and if so who? 28. Are samples as subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who?	Sample '	<u>Turn Around Time (TAT)</u>						
7. Wis a sample cooler received in good condition? Yes 19. Wis the sample(s) received in good condition? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals present? No 12. Wis the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C Yes Note: Thornal preservation is not required, if samples are received wii 15 minutes of sampling 31. If no visible ice, record the temperature. Actual sample temperature:   4°C  Sample Contained 14. Are aqueous VOC samples present? 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Visib? No 16. Is the head space less than 6-8 mm (pas sized or less)? No 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample 10? Date/Time Collected? Collectors name? Yes 22. Are samples) correctly preserved? No 21. Does the COC or field labels indicate the samples were preserved? No 22. Los the COC or field labels indicate the samples were preserved? No 23. Is the filteration required and/or requested for dissolved metals? No Multiplass Sample Martrix 26. Does the sample have more than one phase, i.e., multiphase? No Multiplass Sample Martrix 27. If yes, does the COC specify which phase(s) is to be analyzed? No No Multiplass Sample Martrix 28. Are samples to preserved to a subcontract laboratory? No No No Client Instruction No No No Client Instruction	6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
8. If yes, was cooler received in good condition?  9. Was the sample(s) received intact, i.e., not broken?  10. Were custody/security seals intact?  11. If yes, were custody/security seals intact?  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  Note. Thermal preservation is not required, if samples are received wil 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Containur.  14. Are aqueous XOC samples present?  15. Are VOC samples collected in VOA Visits?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Sample ID?  19. Due to Time Collected?  20. Were held sample labels filled out with the minimum information:  19. Sample ID?  21. Ones the CoC or field labels indicate the samples were preserved?  No  Multiphase Sample Matrix.  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?  28. Are sample favored and/or requested for dissolved metals?  No  Multiphase Sample Matrix.  29. Was a subcontract laboratory  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction	Sample	<u>Cooler</u>						
9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals present? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Now: Thermal preservation is not required, if samples are received wil 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container 14. Are aquenus VOC samples present? 15. Are VOC 25 samples collected in VOA Vials? 16. Is the head space less than 6.8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Outer field sample labels filled out with the minimum information: Sample ID 20. Were field sample labels filled out with the minimum information: Sample ID 20. Were field sample labels filled out with the minimum information: Sample ID 20. Were field sample labels filled out with the minimum information: Sample ID 30. Were field sample labels indicate the samples were preserved? 10. Were field sample labels indicate the samples were preserved? 11. Does the COC or field labels indicate the samples were preserved? 12. Are sampled (so orrectly preserved? 13. It is the filteration required andro'r equested for dissolved metals? 14. Is the filteration required andro'r equested for dissolved metals? 15. Tifyes, does the COC specify which phase(s) is to be analyzed? 16. Does the COC specify which phase(s) is to be analyzed? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. As a samples required to get sent to a subcontract laboratory? 18. As a samples required to get sent to a subcontract laboratory? 18. As a sample sequired to get sent to a subcontract laboratory? 18. As a sample sequired to get sent to a subcontract laboratory? 19. No Subcontract Laboratory 19. No Subcontract Laboratory 19. No Subcontract Laboratory 19. No Subcontract Labora	7. Was a	sample cooler received?		Yes				
10. Were custody/security seals present?  11. If yes, were custody/security seals intact?  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C  Nore: Thermal preservation is not required, if samples are received wit 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information:  Sample ID?  Date/Time Collected?  Collectors name?  21. Does the COC or field labels indicate the samples were preserved?  No  Multiphase Sample Martrix  22. Are samples, overectly preserved?  No  Multiphase Sample have more than one phase, i.e., multiphase?  No  Subcontract Laboratorr  23. Are samples phave more than one phase, i.e., multiphase?  No  Subcontract Laboratorr  24. Was a subcontract laboratorry  No  No  Subcontract Laboratorr  No  Client Instruction	8. If yes,	was cooler received in good condition?		Yes				
10. Were custody/security seals present?  11. If yes, were custody/security seals intact?  12. Was the sample received on (e.? Pys., the recorded stemp is 4°C, i.e., 6°42°C  Note: Thermal preservation is not required, if samples are received wil 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized of less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  Yes  19. Is the appropriate volume/weight or number of sample containers of lected?  Yes  Field Label  20. Were field sample labels filled out with the minimum information:  Sample ID?  Sample Treservation  21. Does the COC of field labels indicate the samples were preserved?  22. Are samples (20 orrectly preserved?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  Multiphase Sample Matrix  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract laboratory  29. Was a subcontract laboratory  20. Was a subcontract laboratory specified by the client and if so who?  Client Instruction	9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Themal preservation is not required. If samples are received w? 115 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pae sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the parporpiate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample ID? Sample IP reservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix. 25. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples aware than one phase, i.e., multiphase? 29. Was a subcontract Laboratory 29. Was a subcontract Laboratory 29. Was a subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory 29. Was a subcontract Laboratory specified by the client and if so who? No Subcontract Laboratory	10. Were	custody/security seals present?						
12. Wiss the sample received on lee? If yes, the recorded temp is 4°C, i.a., 6°12°C Yes Note: Thermal preservation is not required, if samples are received with 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6°a smm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Sample ID? 22. Are sample(5) correctly preserved? 22. Are sample(5) correctly preserved? 23. In Does the COC or field labels indicate the samples were preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory 29. Was a subcontract Laboratory 29. Was a subcontract Laboratory 30. Subcontract Laboratory 31. Subcontract Laboratory 32. Was a subcontract laboratory specified by the client and if so who? 32. Are samples required to get sent to a subcontract laboratory? 33. Subcontract Laboratory 34. Subcontract Laboratory 35. Subcontract Laboratory 36. Subcontract Laboratory 37. If yes, does the COC specify which phase(s) is to be analyzed? 38. Are samples required to get sent to a subcontract laboratory? 39. Was a subcontract laboratory specified by the client and if so who? 39. Was a subcontract laboratory specified by the client and if so who? 30. Subcontract Laboratory 30. Subcontract Laboratory 31. Subcontract Laboratory 32. Was a subcontract laboratory specified by the client and if so who? 31. Subcontract Laboratory 32. Was								
Note: Themal preservation is not required, if samples are received w/i 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container.  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Step field sample labels filled out with the minimum information:  Sample ID?  Date/Time Collected?  Collectors name?  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are samples, our evely preserved?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  Multiphase Feature and or requested for dissolved metals?  No  Subcontract Laboratorr  28. Are samples required to get sent to a subcontract laboratory?  No  Subcontract Laboratory  No  Client Instruction	•	· ·	ia 6°±2°C					
Sample Container   No	12. was t	Note: Thermal preservation is not required, if samples are		ies				
14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 25. Sample IP? 26. Date/Time Collected? 27. Collectors name? 28. Ames ample(s) correctly preserved? 29. Are sample(s) correctly preserved? 20. Loss the COC or field labels indicate the samples were preserved? 21. Is lab filteration required and/or requested for dissolved metals? 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? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a subcontract Laboratory specified by the client and if so who?  Client Instruction	13. If no	visible ice, record the temperature.	temperature: 4°0	<u>C</u>				
15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  NA  16. Is the head space less than 6-8 mm (pea sized or less)?  NA  18. Are non-VOC samples collected in the correct containers?  Yes  19. Is the appropriate volume/weight or number of sample containers collected?  Field Label  Supply ID?  Date/Time Collected?  Collectors name?  Sample ID?  Date/Time Collected?  Collectors name?  Yes  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  NA  24. Is lab filteration required and/or requested for dissolved metals?  No  Multiphase Sample Martrx  50. Does the sample have more than one phase, i.e., multiphase?  No  No  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  No  Subcontract Laboratory  No  Client Instruction	Sample	<u>Container</u>						
16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Date/Time Collected?  20. Were field sample labels filled out with the minimum information:  Sample IP?  Date/Time Collected?  Yes  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are sample(s) correctly preserved?  NA  24. Is lab filteration required and/or requested for dissolved metals?  Multiphase Sample Matrix  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  29. Was a subcontract laboratory specified by the client and if so who?  NA  Client Instruction	14. Are a	aqueous VOC samples present?		No				
17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  Field Labe!  20. Were field sample labels filled out with the minimum information:  Sample ID?  Date Time Collected?  Collectors name?  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are sample(s) correctly preserved?  Als Is lab filteration required and/or requested for dissolved metals?  Multiphase Sample Marrix  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?  No  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  No  Client Instruction	15. Are \	VOC samples collected in VOA Vials?		NA				
18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information:  Sample ID?  Date/Time Collected?  Collectors name?  Yes  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are sample(s) correctly preserved?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  Multiphase Sample Ave more than one phase, is to be analyzed?  No  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction	16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA				
19. Is the appropriate volume/weight or number of sample containers collected?  Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name?  Sample reservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the ample have more than one phase, i.e., multiphase? No Multiphase Sample have more than one phase, is to be analyzed? No Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No No Subcontract Laboratory specified by the client and if so who? No Client Instruction	17. Was	a trip blank (TB) included for VOC analyses?		NA				
Field Label  20. Were field sample labels filled out with the minimum information:  Sample ID? Date/Time Collected? Yes Collectors name?  Yes  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No  Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA  Client Instruction	18. Are 1	non-VOC samples collected in the correct containers?		Yes				
20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Yes Collectors name? Yes  Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 71. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No Olient Instruction  No Client Instruction	19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Sample ID? Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 71. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA Client Instruction	Field La	<u>bel</u>						
Date/Time Collected? Collectors name? Yes  Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No  Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA  Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction	20. Were	e field sample labels filled out with the minimum info	rmation:					
Collectors name?  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are sample(s) correctly preserved?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  71. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  NO  19. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  No  Client Instruction		•		Yes				
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22. Are sample(s) correctly preserved?  24. Is lab filteration required and/or requested for dissolved metals?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction			10					
24. Is lab filteration required and/or requested for dissolved metals?  Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction		1 1	eserved?	No				
Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  NO  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction								
26. Does the sample have more than one phase, i.e., multiphase?  No 27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No 29. Was a subcontract laboratory specified by the client and if so who?  NA  Subcontract Lab: NA  Client Instruction	24. Is lat	o filteration required and/or requested for dissolved m	etals?	No				
27. If yes, does the COC specify which phase(s) is to be analyzed?  NA  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  NO  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction  Client Instruction	<u>Multiph</u>	ase Sample Matrix						
Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction	26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
28. Are samples required to get sent to a subcontract laboratory?  No 29. Was a subcontract laboratory specified by the client and if so who?  Client Instruction	27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA				
29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA  Client Instruction	Subcont	ract Laboratory						
29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA  Client Instruction			v?	No				
Client Instruction			-	NA	Subcontract Lab	: NA		
	Chent	<u> Ilstruction</u>						
	L							

Date

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

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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**

QUESTIONS

Action 334112

#### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	334112
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nTO1431629657
Incident Name	NTO1431629657 SEA SNAKE 35 STATE #001H @ 30-025-41625
Incident Type	Release Other
Incident Status	Remediation Plan Received
Incident Well	[30-025-41625] SEA SNAKE 35 STATE #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SEA SNAKE 35 STATE #001H
Date Release Discovered	11/09/2014
Surface Owner	State

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Cause: Blow Out   Well   Drilling Mud/Fluid   Released: 14 BBL   Recovered: 13 BBL   Lost: 1 BBL.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

QUESTIONS, Page 2

Action 334112

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUEST	IONS (continued)
Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 334112 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	i lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of svaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional

Email: Dale.Woodall@dvn.com

Date: 04/16/2024

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

QUESTIONS, Page 3

Action 334112

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	334112
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Greater than 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions that app	ly or are indicated. This information must be provided to t	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan a	approval with this submission	Yes
Attach a comprehensive report demonstr	rating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical exte	nts of contamination been fully delineated	Yes
Was this release entirely contain	ed within a lined containment area	No
Soil Contamination Sampling: (Pro	vide the highest observable value for each, in mil	ligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	1310
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	19983
GRO+DRO	(EPA SW-846 Method 8015M)	14589
BTEX	(EPA SW-846 Method 8021B or 8260B)	3.7
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	unless the site characterization report includes completed for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence		05/05/2024
On what date will (or did) the fina	al sampling or liner inspection occur	05/10/2024
On what date will (or was) the re	mediation complete(d)	05/11/2024
What is the estimated surface an	ea (in square feet) that will be reclaimed	1603
What is the estimated volume (in	cubic yards) that will be reclaimed	59
What is the estimated surface ar	ea (in square feet) that will be remediated	1603
What is the estimated volume (in cubic yards) that will be remediated		59
These estimated dates and measurement	ts are recognized to be the best guess or calculation at the	time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed reme	ediation measures may have to be minimally adjusted in a	ccordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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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

QUESTIONS, Page 4

Action 334112

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	334112
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 Artesia LLC LANDFARM [fEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 04/16/2024

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

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

QUESTIONS, Page 5

Action 334112

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	334112
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Remediation Closure Request

Requesting a remediation closure approval with this submission

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

QUESTIONS, Page 6

Action 334112

QUESTIONS (continued)	QL	<b>JEST</b>	IONS	(continued)
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Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	334112	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS		
Sampling Event Information		
Last sampling notification (C-141N) recorded	{Unavailable.}	

No

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

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

CONDITIONS

Action 334112

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	334112
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Remediation Plan Approved. Please provide proper sampling notice by following 19.15.29.D.(1).(a). NMAC.	4/18/2024