

Volume calculator

There was no volume calculator prepared when the spill occurred.



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## REMEDIATION CLOSURE REPORT

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Incident ID NT01431629657

**Sea Snake 35 State #001H**

API: 30-025-41625

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

August 2, 2024

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

Pima Environmental Services

5614 N Lovington Hwy  
 Hobbs, NM 88240  
 575-964-7740



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

August 2, 2024

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

**Re: Site Assessment, Remediation, and Closure Report**  
**Sea Snake 35 State #001H**  
**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 Assessment, Remediation, and Closure Report for a freshwater mud release that occurred at the Sea Snake 35 State #001H (Sea Snake). The incident was assigned incident NTO1431629657 on November 14, 2014, by the New Mexico Oil Conservation Division (NMOCD).

**Site Characterization**

The Sea Snake is located approximately twenty-six (26) miles northeast 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. The area is typically capped by thin eolian deposits. The soil in this area is made up of Berino-Cacique loamy fine sands association, 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). Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04753-POD 1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.12 of a mile away from the Sea Snake. This well was drilled on 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 34 feet BGS, situated approximately 7.13 miles away from the Sea Snake, with the last gauge conducted in 2006 (Appendix A).

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100' (C-04753-POD 1)	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

Sea Snake 35 State #001H|Devon Energy

**Release Information**

**NT01431629657:** On November 9, 2014, 14 barrels of freshwater mud spilled over (BOP) blow out preventer while driller was orientating tool face on motor to run through whipstock. The driller shut the pumps which stopped the flow of mud. The released fluids were calculated to be approximately 14 barrels (bbls) of freshwater mud. A vacuum truck was called and was available to recover approximately 13 bbls of standing fluid.

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

On March 21, 2024, Pima mobilized personnel to the site to collect soil samples from the spill area. A hand auger was used to collect the samples from the affected area. The laboratory results of these sampling events are provided in the following data table. A Site Map is available in Figure 4

3-21-2024 Soil Sample Results

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								
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	1.68	ND	170	13900	5280	19351.68	1260
	2'	ND	ND	ND	ND	ND	0	451
	3'	ND	ND	ND	ND	ND	0	196
	4'	ND	ND	ND	25.6	ND	25.6	84.2
S2	1'	1.9	ND	142	12100	4300	16543.9	1310
	2'	ND	ND	ND	ND	ND	0	388
	3'	ND	ND	ND	ND	ND	0	166
	4'	ND	ND	ND	27.1	ND	27.1	79.2
S3	1'	3.73	ND	189	14400	5390	19982.73	961
	2'	ND	ND	ND	ND	ND	0	385
	3'	ND	ND	ND	ND	ND	0	161
	4'	ND	ND	ND	ND	ND	0	96.5
SW1	1'	ND	ND	ND	ND	ND	0	363
SW2	1'	ND	ND	ND	ND	ND	0	397
SW3	1'	ND	ND	ND	ND	ND	0	333
SW4	1'	ND	ND	ND	ND	ND	0	230
BG1	1'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On July 19, 2024, the Devon Construction Department mobilized personnel and equipment to initiate immediate remediation activities. They began excavating the area to a depth of 1 foot below ground surface (BGS). A total of 49 cubic yards of contaminated soil was hauled to North Delaware Basin landfill, an approved, lined disposal facility and clean backfill material was brought in

On July 26, 2024, after sending a 48-hour notification (application ID: 366444, Appendix C), Pima returned to the site to collect 5-point confirmation samples from the excavation. The 5-point composite samples were taken from the exposed excavation sidewalls and bottom samples were collected at 1 foot deep. The results of this sampling event are provided in the following table, and a Confirmation Sample Map can be found in Figure 5

Pima Environmental Services

5614 N Lovington Hwy  
 Hobbs, NM 88240  
 575-964-7740

7-26-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Sea Snake 35 State #001H Battery								
Date: 7-26-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1-Bottom	1' Comp	ND	ND	ND	ND	ND	0	ND
CS2-Bottom	1' Comp	ND	ND	ND	ND	ND	0	ND
CS3-Bottom	1' Comp	ND	ND	ND	ND	ND	0	ND
CS4-Bottom	1' Comp	ND	ND	ND	ND	ND	0	ND
CS5-Bottom	1' Comp	ND	ND	ND	ND	ND	0	ND
CS6-Bottom	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW1	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW2	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW3	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW4	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW5	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW6	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW7	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW8	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW9	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW10	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW11	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW12	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW13	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW14	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW15	1' Comp	ND	ND	ND	ND	ND	0	ND
CSW16	1' Comp	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete Laboratory Reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to Northern Delaware Basin Landfill, an NMOCD approved disposal site. See Appendix D for Photographic Documentation.

**Closure Request**

After careful review, Pima requests that this incident, NTO1431629657, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or [gio@pimaoil.com](mailto: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
- 5- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey, Geological Data, FEMA, and Wetlands Map
- Appendix C – 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



## Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- Site Map

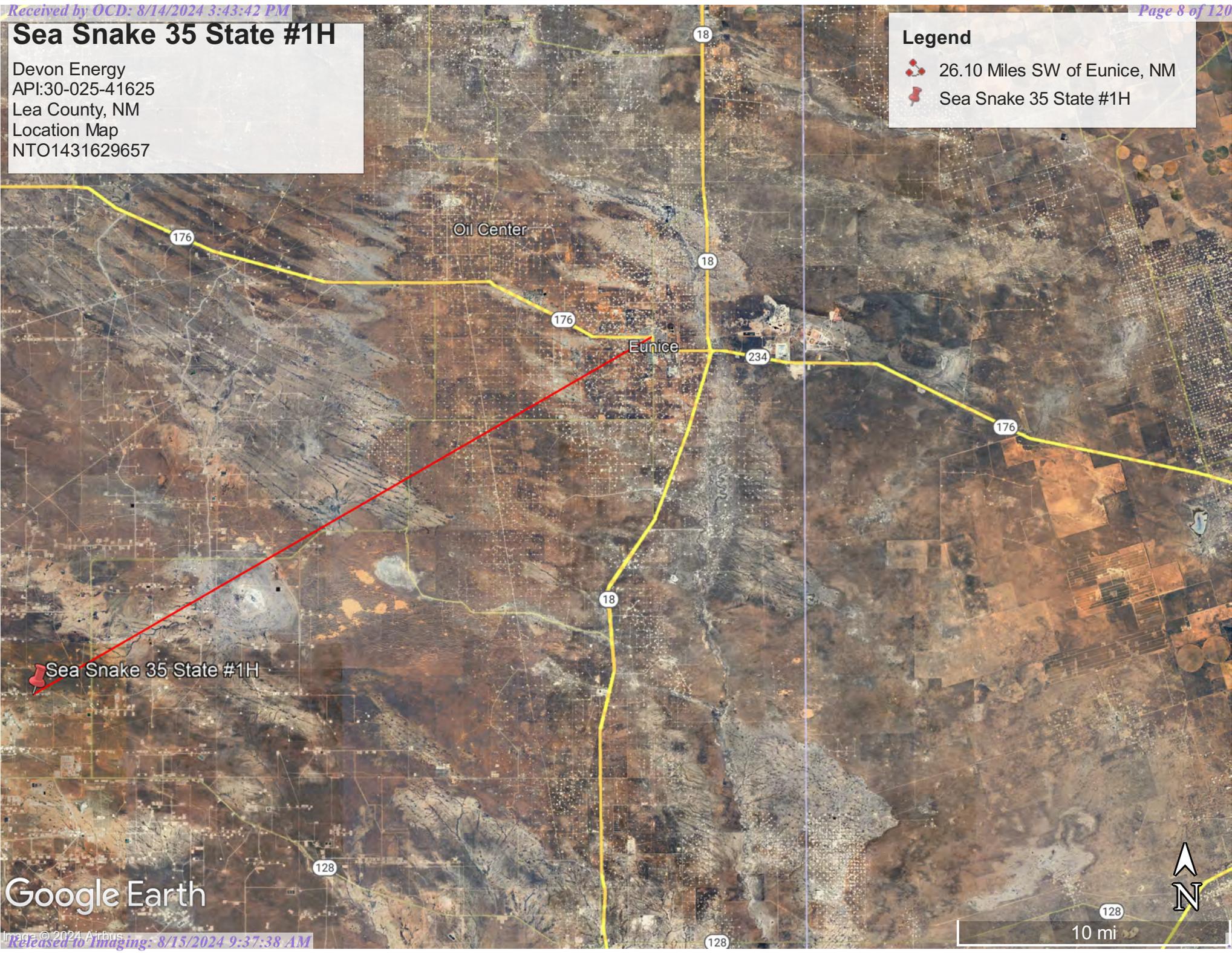
Figure 5- Confirmation Sample Map

# Sea Snake 35 State #1H

Devon Energy  
API:30-025-41625  
Lea County, NM  
Location Map  
NTO1431629657

**Legend**

-  26.10 Miles SW of Eunice, NM
-  Sea Snake 35 State #1H



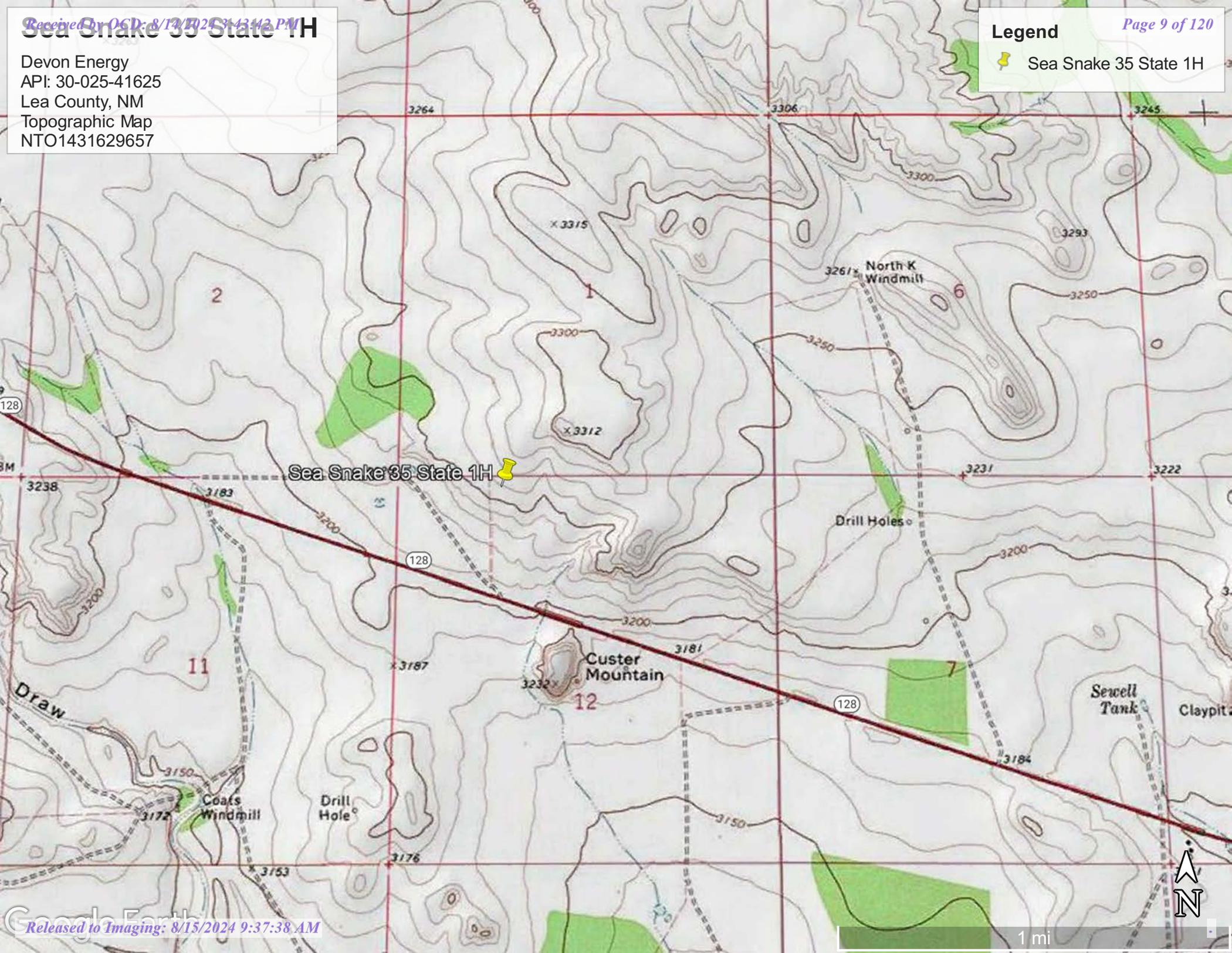
Google Earth

10 mi

Devon Energy  
API: 30-025-41625  
Lea County, NM  
Topographic Map  
NTO1431629657

**Legend**

- Sea Snake 35 State 1H



Sea Snake 35 State 1H

Custer Mountain

North K Windmill



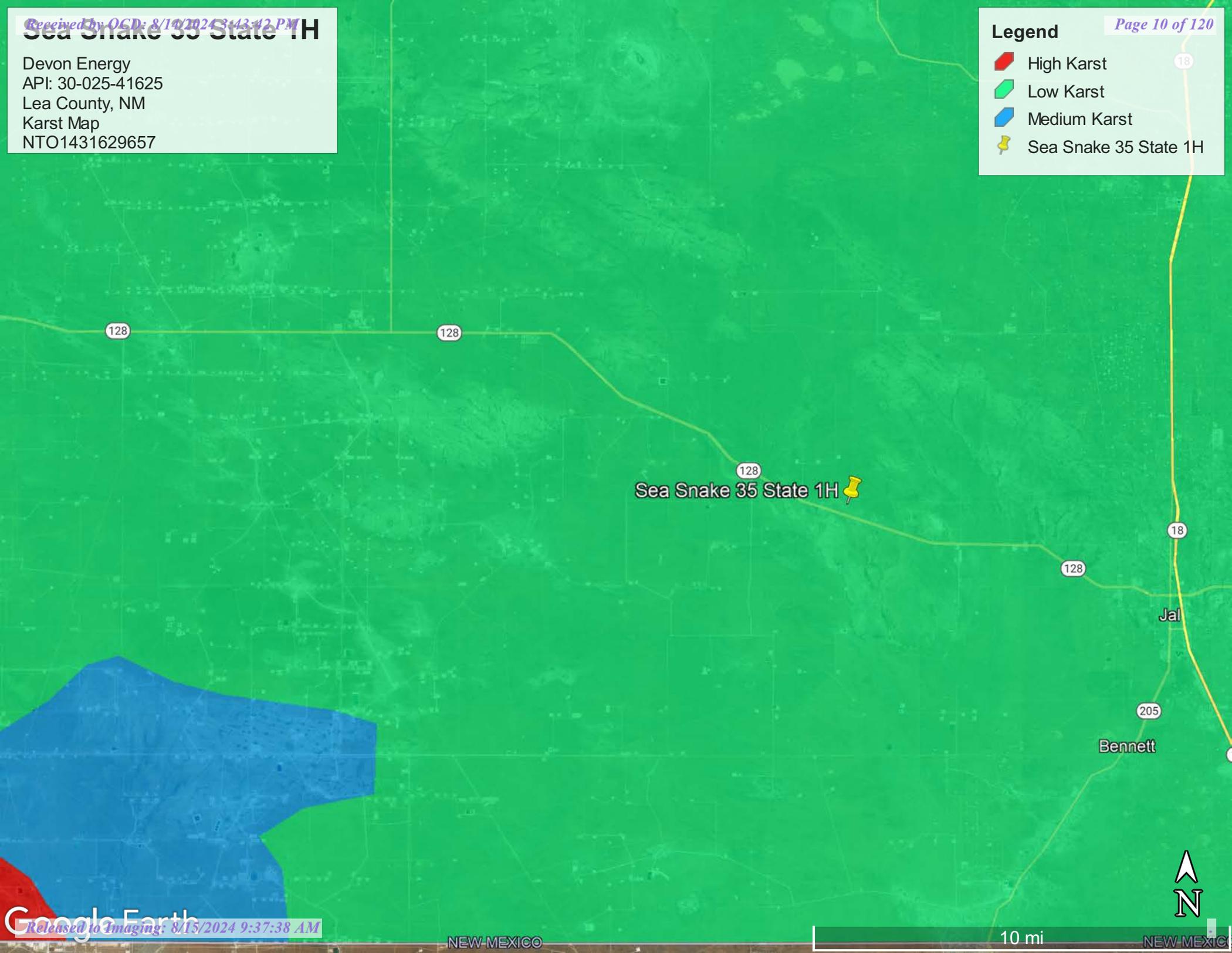
1 mi

# Sea Snake 35 State 1H

Devon Energy  
API: 30-025-41625  
Lea County, NM  
Karst Map  
NTO1431629657

**Legend**

-  High Karst
-  Low Karst
-  Medium Karst
-  Sea Snake 35 State 1H



Sea Snake 35 State 1H 

128

128

128

128

18

Jal

205

Bennett



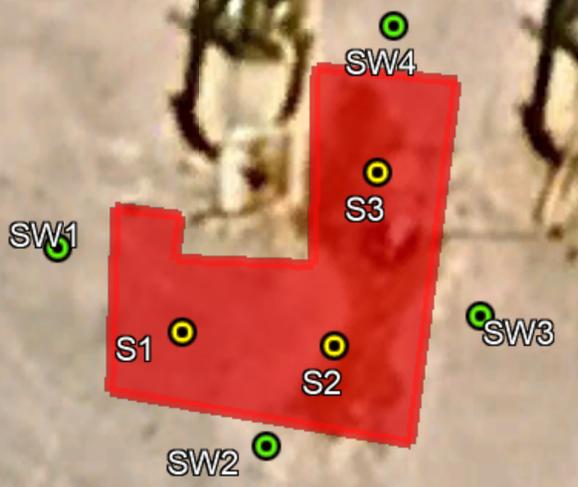
# Sea Snake 35 State 1H

Devon Energy  
API: 30-025-41625  
Lea County, NM  
Site Map  
NTO1431629657

## Legend

-  Samples
-  Sea Snake 35 St 1H
-  Sidewalls
-  Spill Area 1,303 Ft

Sea Snake 35 St 1H 



Google Earth



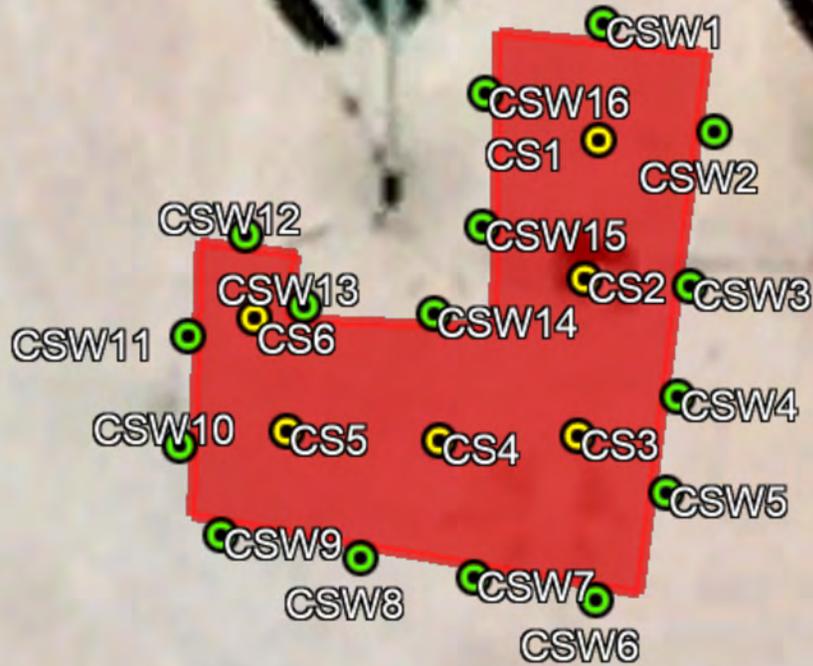
# Sea Snake 35 State #1H

Devon Energy  
API:30-025-41625  
Lea County, NM  
Confirmation Map  
NTO1431629657

## Legend

- Confirmation Bottoms
- Confirmation Sidewalls
- Sea Snake 35 St 1H

Sea Snake 35 St 1H





## 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 Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Q 35	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C_04753 POD1</a>	CUB	LE	LE	4	4	3	35	23S	33E	637075	3569526		248	55		
<a href="#">C_04595 POD1</a>	CUB	LE	LE	4	3	3	34	23S	33E	635150	3569564		1680	55		
<a href="#">C_02284</a>	CUB	LE	LE	4	2	4	26	23S	33E	637907	3571626*		2325	325	225	100
<a href="#">C_04014 POD5</a>	CUB	LE	LE	1	4	2	01	24S	33E	639284	3569086		2500	95	85	10
<a href="#">C_04014 POD4</a>	CUB	LE	LE	3	4	2	01	24S	33E	639295	3568859		2564	96	86	10
<a href="#">C_04741 POD1</a>	CUB	LE	LE	1	2	4	10	24S	33E	636076	3567039		2635	55		
<a href="#">C_04014 POD3</a>	CUB	LE	LE	2	4	2	01	24S	33E	639497	3569007		2725	95	87	8
<a href="#">C_02281</a>	CUB	LE	LE	3	4	4	28	23S	33E	634495	3571183*		2840	545	400	145
<a href="#">C_02308</a>	CUB	LE	LE	1	3	1	10	24S	33E	634953	3567364*		2892	40	20	20
<a href="#">C_04014 POD2</a>	CUB	LE	LE	4	4	2	01	24S	33E	639656	3568917		2899	95	81	14
<a href="#">C_02283</a>	CUB	LE	LE	4	2	2	26	23S	33E	637896	3572431*		3057	325	225	100
<a href="#">C_02280</a>	CUB	LE	LE	3	2	4	28	23S	33E	634489	3571586*		3092	650	400	250
<a href="#">C_04014 POD1</a>	CUB	LE	LE	1	1	3	06	24S	34E	639811	3568638		3122	91	81	10
<a href="#">C_02282</a>	CUB	LE	LE	3	1	1	25	23S	33E	638098	3572436*		3138	325	225	100
<a href="#">C_02278</a>	CUB	LE	LE	3	4	2	28	23S	33E	634484	3571989*		3372	650	400	250
<a href="#">C_04707 POD1</a>	CUB	LE	LE	4	3	3	33	23S	33E	633413	3569469		3418			
<a href="#">C_02279</a>	CUB	LE	LE	3	4	3	28	23S	33E	633691	3571173*		3526	650	400	250

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

\*UTM location was derived from PLSS - see Help

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

10/19/23 9:56 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)									
<b>Well Tag</b>	<b>POD Number</b>		<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>	
NA	C 04753 POD1		4	4	3	35	23S	33E	637075	3569526	

x

<b>Driller License:</b>	<b>Driller Company:</b>		
<b>Driller Name:</b> JASON MALEY 1833			
<b>Drill Start Date:</b> 07/27/2023	<b>Drill Finish Date:</b> 07/27/2023	<b>Plug Date:</b> 07/31/2023	
<b>Log File Date:</b> 08/21/2023	<b>PCW Rev Date:</b>	<b>Source:</b>	
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>	
<b>Casing Size:</b> 2.00	<b>Depth Well:</b> 55 feet	<b>Depth Water:</b>	

x

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

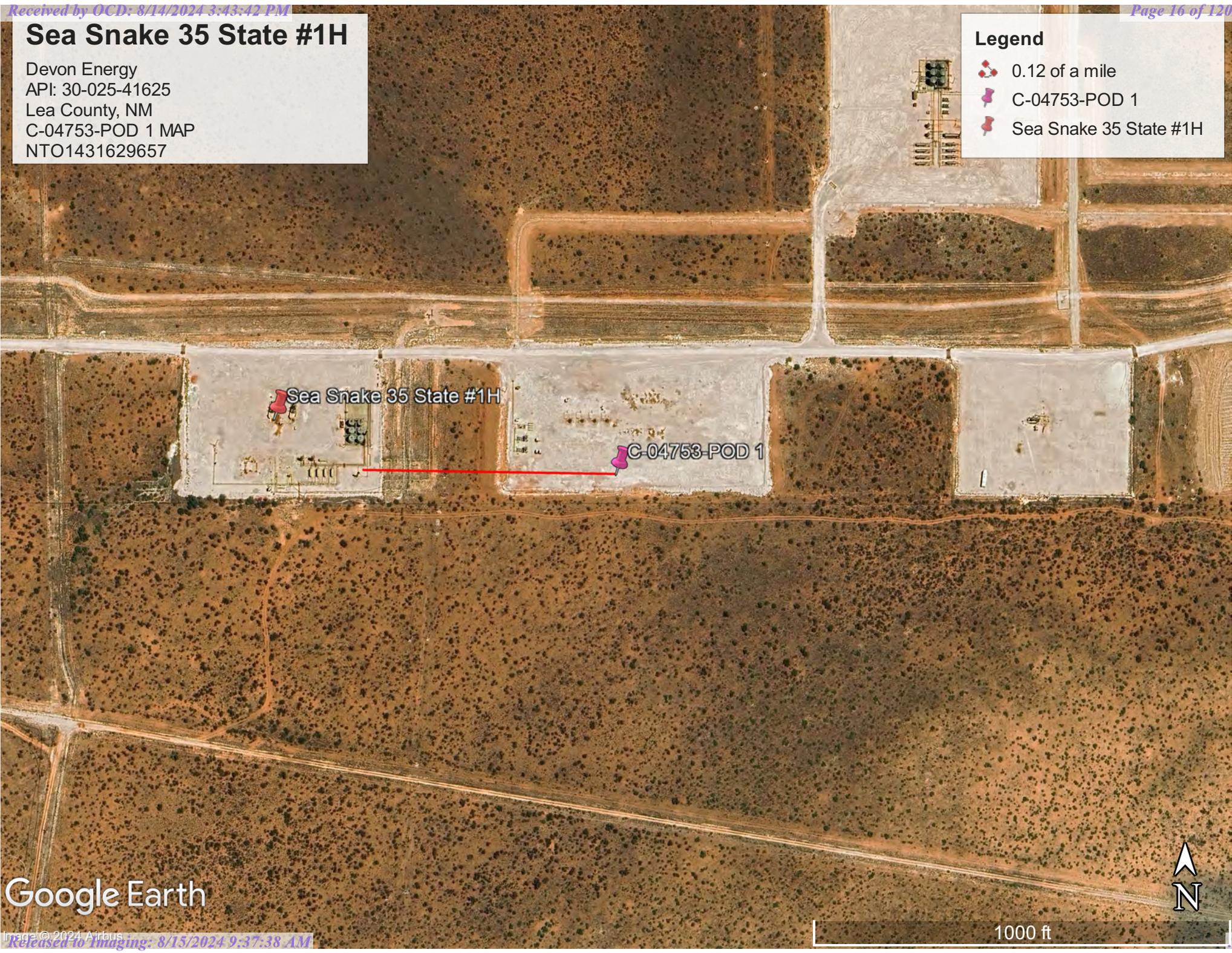
POINT OF DIVERSION SUMMARY

# Sea Snake 35 State #1H

Devon Energy  
API: 30-025-41625  
Lea County, NM  
C-04753-POD 1 MAP  
NTO1431629657

**Legend**

-  0.12 of a mile
-  C-04753-POD 1
-  Sea Snake 35 State #1H



Google Earth

1000 ft





USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

site\_no list = 

- 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

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°13'30.4", Longitude 103°39'52.7" NAD83

Land-surface elevation 3,589.00 feet above NGVD29

The depth of the well is 60 feet below land surface.

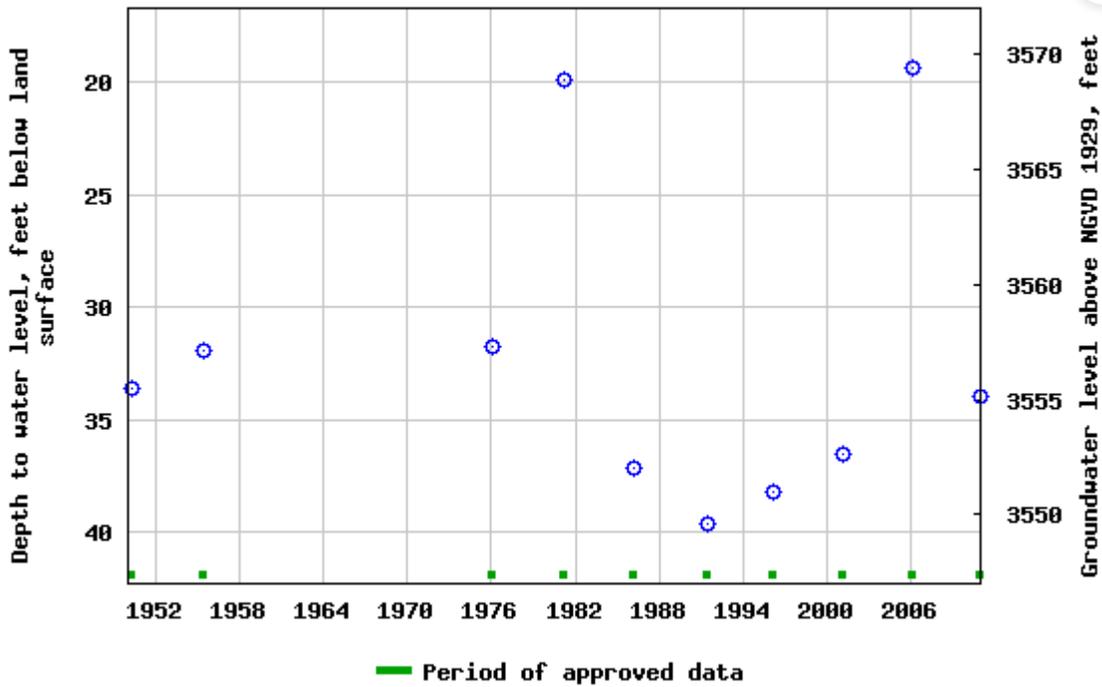
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

USGS 321312103395601 24S.32E.10.344333



Breaks in the plot represent a gap of at least one year between field measurements. [Download a presentation-quality graph](#)

- [Questions or Comments](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
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[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: [USGS Water Data Support Team](#)

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

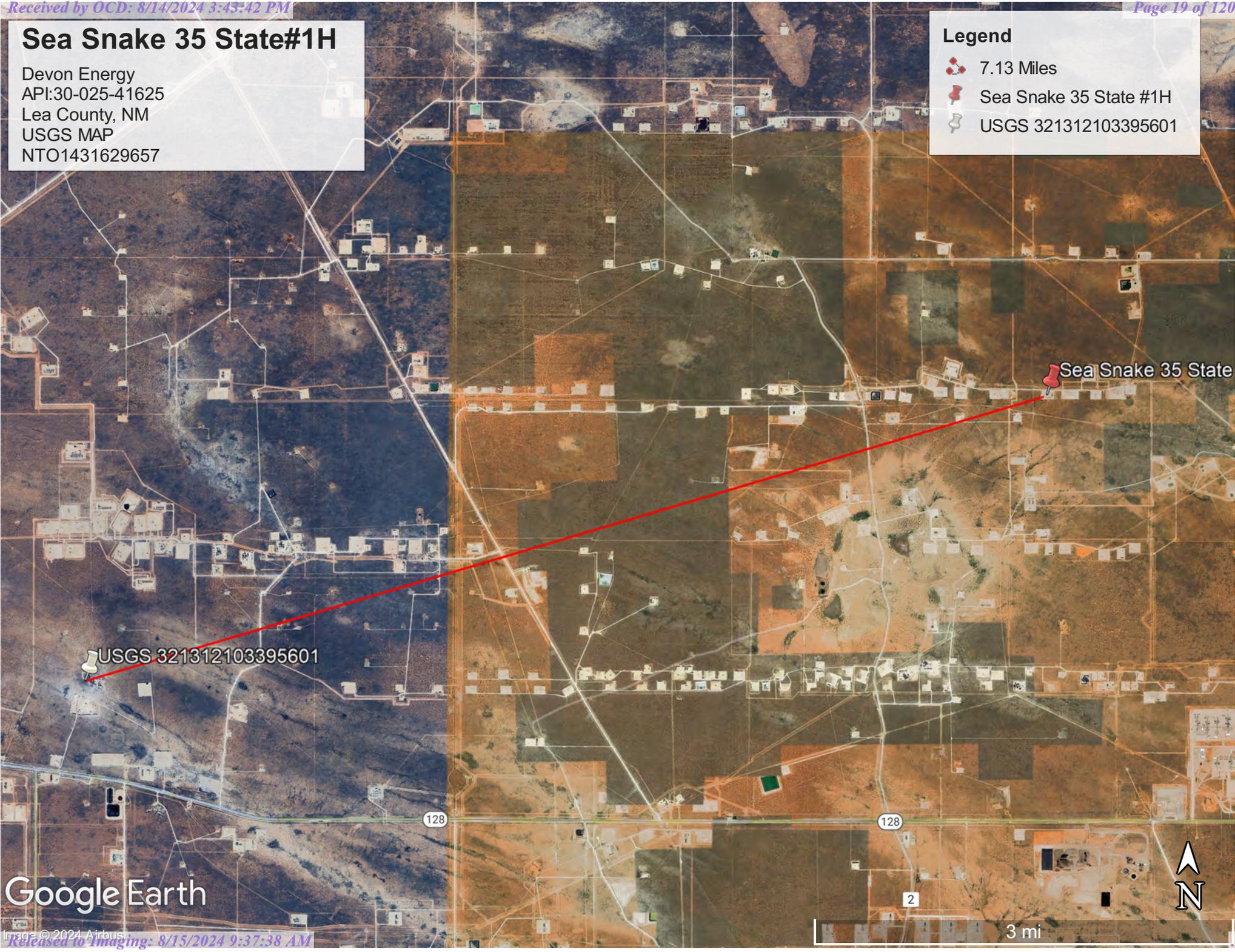
0.63 0.51 nadww01

# Sea Snake 35 State#1H

Devon Energy  
API:30-025-41625  
Lea County, NM  
USGS MAP  
NTO1431629657

**Legend**

-  7.13 Miles
-  Sea Snake 35 State #1H
-  USGS 321312103395601



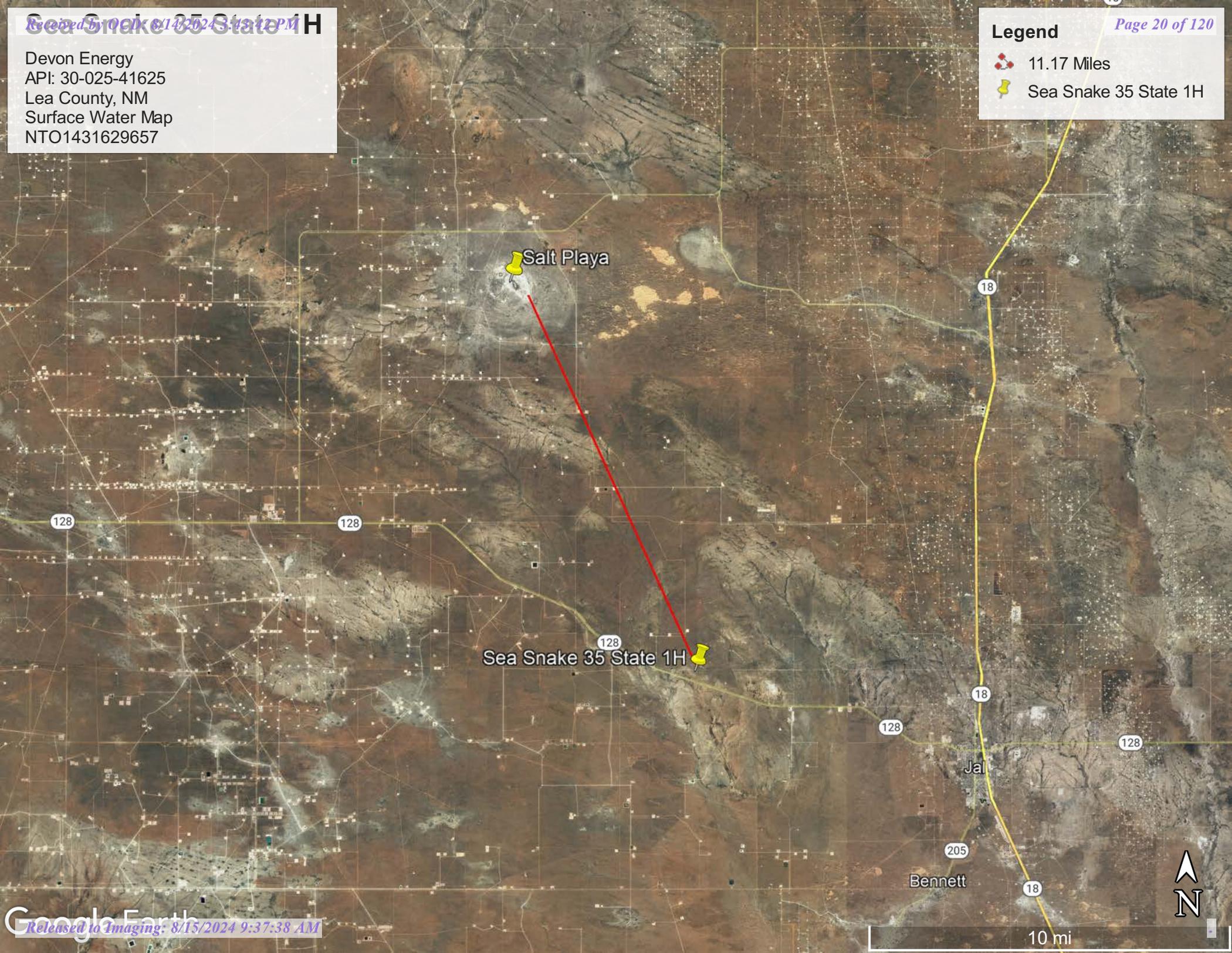
Google Earth

3 mi

Devon Energy  
API: 30-025-41625  
Lea County, NM  
Surface Water Map  
NTO1431629657

**Legend** Page 20 of 120

-  11.17 Miles
-  Sea Snake 35 State 1H





## Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

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## Lea County, New Mexico

### BE—Berino-Cacique loamy fine sands association

#### Map Unit Setting

*National map unit symbol:* dmpd

*Elevation:* 3,000 to 3,900 feet

*Mean annual precipitation:* 10 to 13 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 50 percent

*Cacique and similar soils:* 40 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Berino

##### 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 over calcareous sandy alluvium derived from sedimentary rock

##### Typical profile

*A - 0 to 6 inches:* loamy fine sand

*Btk - 6 to 60 inches:* sandy clay loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*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:* Moderate (about 8.7 inches)

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

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### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7c  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

### Description of Cacique

#### Setting

*Landform:* Plains  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous eolian deposits derived from sedimentary rock

#### Typical profile

*A - 0 to 12 inches:* loamy fine sand  
*Bt - 12 to 28 inches:* sandy clay loam  
*Bkm - 28 to 38 inches:* cemented material

#### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 20 to 40 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 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 3.6 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7c  
*Hydrologic Soil Group:* C  
*Ecological site:* R070BD004NM - Sandy  
*Hydric soil rating:* No

### Minor Components

#### Maljamar

*Percent of map unit:* 6 percent  
*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ  
*Hydric soil rating:* No

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

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**Palomas**

*Percent of map unit:* 4 percent

*Ecological site:* R070BD003NM - Loamy Sand

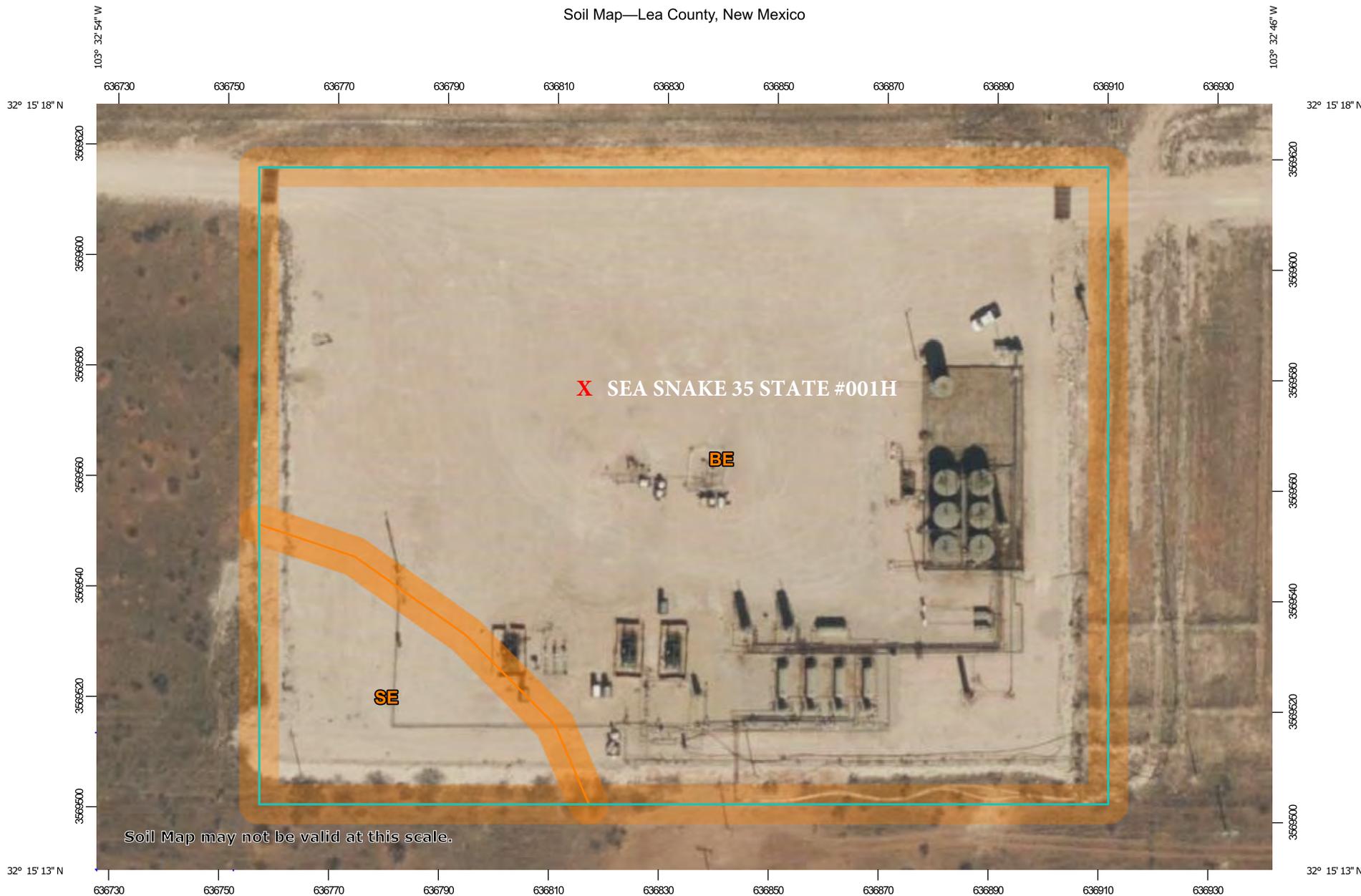
*Hydric soil rating:* No

**Data Source Information**

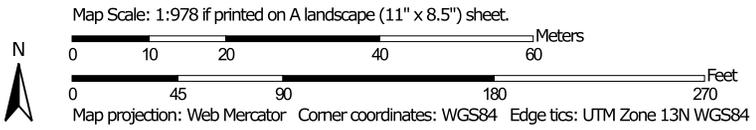
Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

Soil Map—Lea County, New Mexico



Soil Map may not be valid at this scale.



### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

**Special Point Features**

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

**Warning:** Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico  
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Lea County, New Mexico

---

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	3.9	88.8%
SE	Simona fine sandy loam, 0 to 3 percent slopes	0.5	11.2%
<b>Totals for Area of Interest</b>		<b>4.4</b>	<b>100.0%</b>

(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)

/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)

/ New Mexico (/geology/state/state.php?state=NM)

## Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)

JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

*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.*

**State** New Mexico (/geology/state/state.php?state=NM)

**Name** Eolian and piedmont deposits

**Geologic age** Holocene to middle Pleistocene

**Lithologic constituents** Major

Unconsolidated (Eolian) *Interlayered eolian sands and piedmont-slope deposits*

### References

New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).

**NGMDB product** NGMDB product page for 22974  
([https://ngmdb.usgs.gov/Prodesc/proddesc\\_22974.htm](https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm))

**Counties** Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal ([https://www.usgs.gov/laws/policies\\_notices.html](https://www.usgs.gov/laws/policies_notices.html)) |

Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |

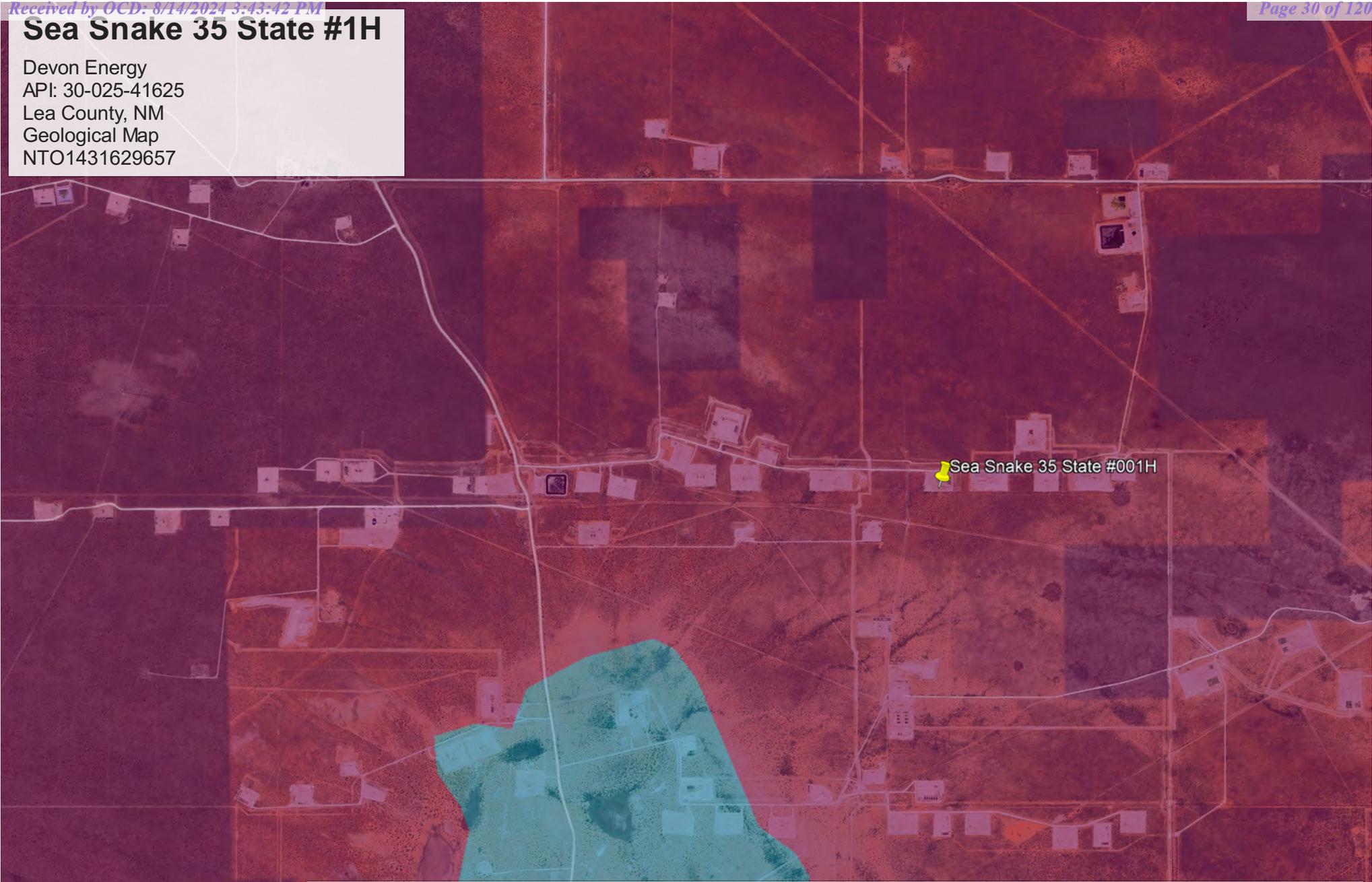
Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiog.gov/>) |

White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |  
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

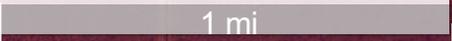
# Sea Snake 35 State #1H

Devon Energy  
API: 30-025-41625  
Lea County, NM  
Geological Map  
NTO1431629657



**Legend**

-  Eolian and piedmont deposits
-  Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region
-  Sea Snake 35 State #001H

  
 1 mi

Google Earth

# National Flood Hazard Layer FIRMette



103°19'49"W 32°9'21"N



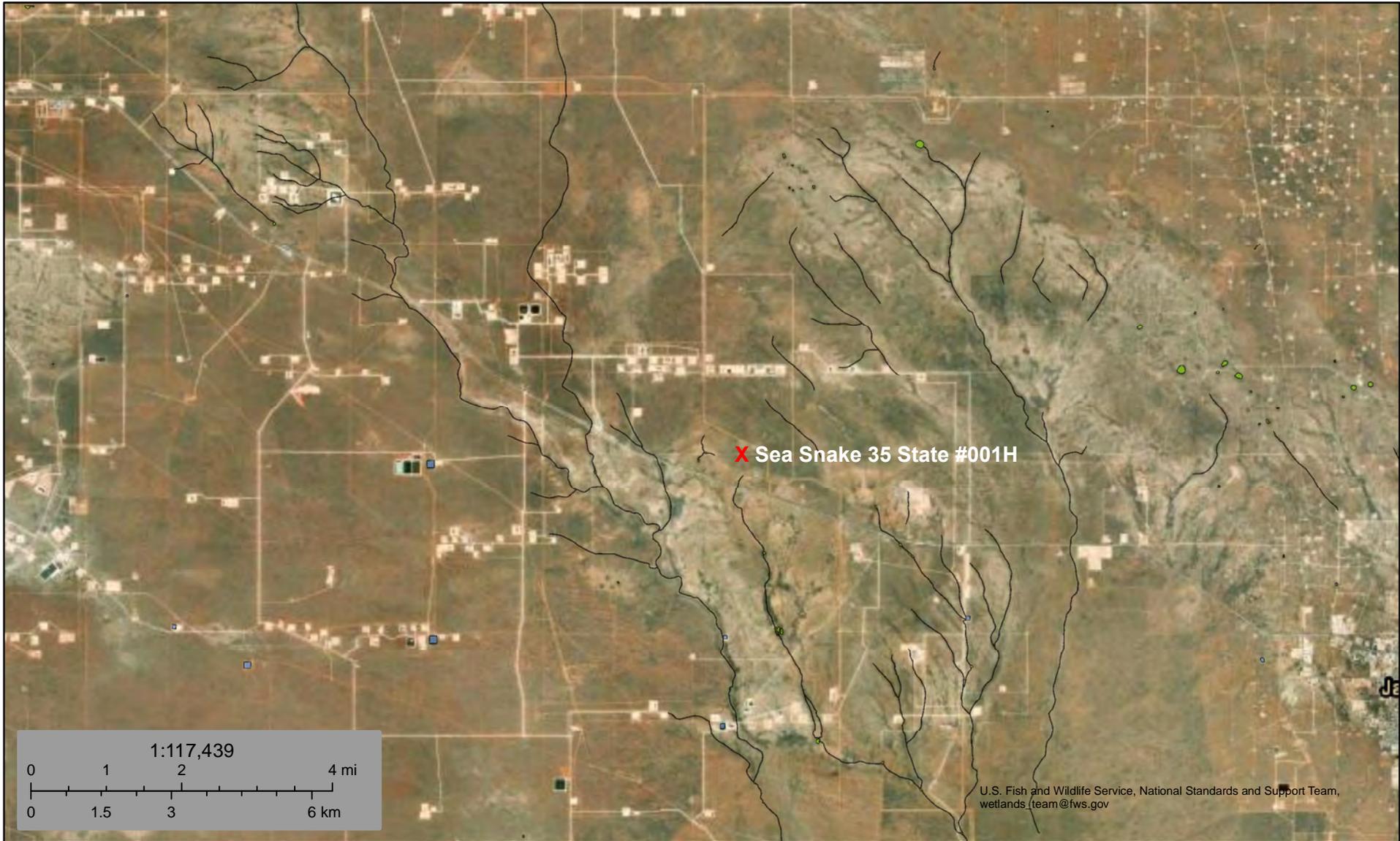
## Legend

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

- SPECIAL FLOOD HAZARD AREAS**
    - Without Base Flood Elevation (BFE) Zone A, V, A99
    - With BFE or Depth Zone AE, AO, AH, VE, AR
    - Regulatory Floodway
  - OTHER AREAS OF FLOOD HAZARD**
    - 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
    - Area with Flood Risk due to Levee Zone D
  - OTHER AREAS**
    - NO SCREEN Area of Minimal Flood Hazard Zone X
    - Effective LOMRs
    - Area of Undetermined Flood Hazard Zone D
  - GENERAL STRUCTURES**
    - Channel, Culvert, or Storm Sewer
    - Levee, Dike, or Floodwall
  - OTHER FEATURES**
    - Cross Sections with 1% Annual Chance Water Surface Elevation
    - Coastal Transect
    - Base Flood Elevation Line (BFE)
    - Limit of Study
    - Jurisdiction Boundary
    - Coastal Transect Baseline
    - Profile Baseline
    - Hydrographic Feature
  - MAP PANELS**
    - Digital Data Available
    - No Digital Data Available
    - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



# Wetlands Map



February 15, 2023

### Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine 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 C

- 48-Hour Notification

**lynsey@pimaoil.com**

---

**From:** Woodall, Dale <Dale.Woodall@dvn.com>  
**Sent:** Tuesday, July 23, 2024 10:34 AM  
**To:** 'Gio PimaOil'; Lynsey Pima Oil  
**Subject:** Fwd: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 366444

Dale Woodall  
*Environmental Professional*  
Hobbs, NM  
Office: 575-748-1838  
Mobile: 405-318-4697  
[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Tuesday, July 23, 2024 11:33:34 AM  
**To:** Woodall, Dale <Dale.Woodall@dvn.com>  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 366444

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nTO1431629657.

The sampling event is expected to take place:

**When:** 07/26/2024 @ 08:30

**Where:** M-35-23S-33E 200 FSL 1295 FWL (32.2544518,-103.5474319)

**Additional Information:** Andrew Franco 806-200-0054

**Additional Instructions:** From the intersection of county rd 21 (Delaware basin Rd) and shell Rd, travel North on Delaware basin rd for 0.94 of a mile. Turn west on XLRd for 3.95 miles, turn south on lease Rd for 1.02 miles, turn east on lease rd for 1.33 miles arriving at the location on the right.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.



## Appendix D

- Photographic Documentation

### PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Snake 35 State #001H

#### Assessment:



Site information sign.



Photo taken during assessment.



Photo taken during assessment.



Photo taken during assessment.



Photo taken during assessment.



### PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Sea Snake 35 State #001H**

**Pre Excavation:**



Photo taken prior to excavation, taken facing Northeast.

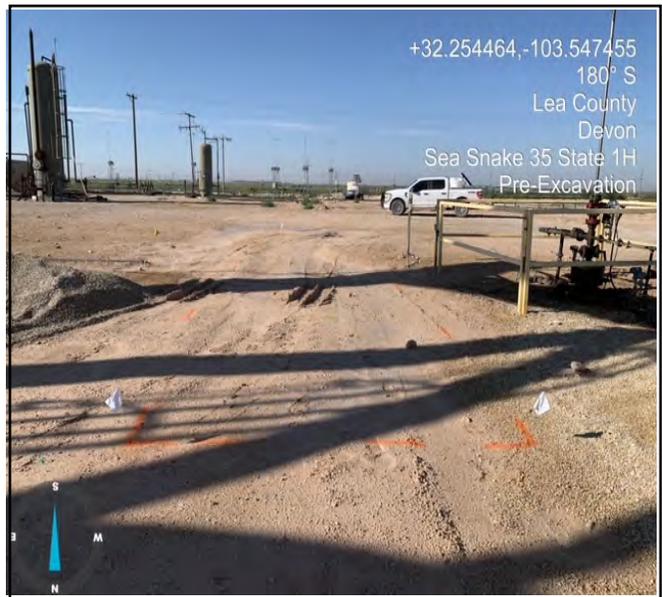


Photo taken prior to excavation, taken facing South.

### PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Snake 35 State #001H

#### Excavation:



Photo taken during excavation, taken facing Northeast.



Photo taken during excavation, taken facing Northwest.

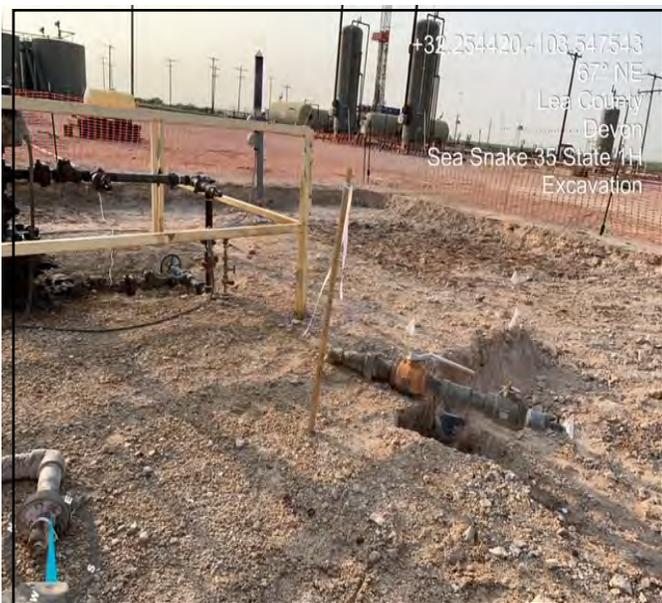


Photo taken during excavation, taken facing Northeast.



Photo taken during excavation, taken facing Northwest.

### PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Sea Snake 35 State #001H**

**Post Excavation:**



Photo taken pursuant to excavation, taken facing Northeast.



Photo taken pursuant to excavation, taken facing Northeast.



Photo taken pursuant to excavation, taken facing Northwest.

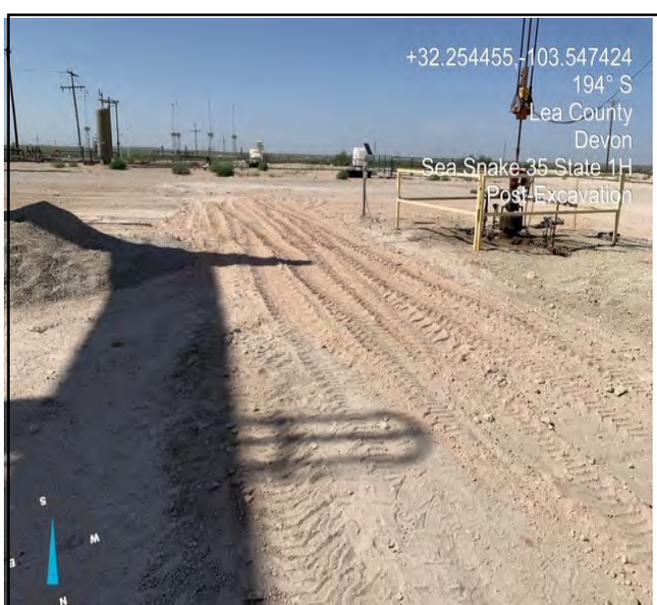


Photo taken pursuant to excavation, taken facing Southwest.



## Appendix E

- Laboratory Reports

Report to:  
Gio Gomez



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 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.

### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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**S1-1'**

**E403234-01**

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



### Sample Data

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

S1-2'

E403234-02

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.9 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.9 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		71.5 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	451	20.0	1	03/26/24	03/27/24	



### Sample Data

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

**S1-3'**

**E403234-03**

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.4 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.4 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		76.6 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	196	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S1-4'

E403234-04

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.0 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.0 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		77.5 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	84.2	20.0	1	03/26/24	03/26/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S2-1'

E403234-05

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



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S2-2'

E403234-06

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.6 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		111 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2413038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.6 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		111 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		76.3 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2413050	
Chloride	388	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S2-3'

E403234-07

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.4 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.4 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		75.4 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	166	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S2-4'

E403234-08

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413082
Diesel Range Organics (C10-C28)	27.1	25.0	1	03/27/24	03/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/27/24	03/28/24	
<i>Surrogate: n-Nonane</i>		77.6 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	79.2	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S3-1'

E403234-09

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



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S3-2'

E403234-10

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.1 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.1 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>		76.9 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	385	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S3-3'

E403234-11

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.1 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.1 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		75.2 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	161	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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S3-4'

E403234-12

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.0 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.0 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		79.1 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	96.5	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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**SW1**

**E403234-13**

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.5 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.5 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		76.6 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	363	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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**SW2**

**E403234-14**

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		78.6 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	397	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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**SW3**

**E403234-15**

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.6 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.6 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		73.8 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	333	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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**SW4**

**E403234-16**

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.2 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.2 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		75.1 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	230	20.0	1	03/26/24	03/27/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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**BG1**

**E403234-17**

Analyte	Result	Reporting Limit	Dilution	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	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	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.0 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/24	03/28/24	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	03/26/24	03/28/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.0 %	70-130	03/26/24	03/28/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/26/24	03/28/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<i>Surrogate: n-Nonane</i>		77.9 %	50-200	03/27/24	03/28/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2413050
Chloride	ND	20.0	1	03/26/24	03/27/24	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 3/29/2024 4:21:22PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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#### Blank (2413038-BLK1)

Prepared: 03/26/24 Analyzed: 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: 03/26/24 Analyzed: 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: 03/26/24 Analyzed: 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: 03/26/24 Analyzed: 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		
Surrogate: Toluene-d8	0.521		0.500		104		70-130		



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2413038-BLK1)**

Prepared: 03/26/24 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: 03/26/24 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: E403234-04

Prepared: 03/26/24 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: E403234-04

Prepared: 03/26/24 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			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2413082-BLK1)**

Prepared: 03/27/24 Analyzed: 03/28/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	37.3		50.0		74.7	50-200			

**LCS (2413082-BS1)**

Prepared: 03/27/24 Analyzed: 03/29/24

Diesel Range Organics (C10-C28)	218	25.0	250		87.0	38-132			
Surrogate: n-Nonane	35.0		50.0		70.0	50-200			

**Matrix Spike (2413082-MS1)**

Source: E403234-05

Prepared: 03/27/24 Analyzed: 03/28/24

Diesel Range Organics (C10-C28)	12900	125	250	12100	332	38-132			M4
Surrogate: n-Nonane	50.2		50.0		100	50-200			

**Matrix Spike Dup (2413082-MSD1)**

Source: E403234-05

Prepared: 03/27/24 Analyzed: 03/28/24

Diesel Range Organics (C10-C28)	15000	125	250	12100	NR	38-132	15.4	20	M4
Surrogate: n-Nonane	52.1		50.0		104	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State 1H Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 3/29/2024 4:21:22PM
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#### Anions by EPA 300.0/9056A

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
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**Blank (2413050-BLK1)**

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

Chloride ND 20.0

**LCS (2413050-BS1)**

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

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2413050-MS1)**

Source: E403234-04

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

Chloride 349 20.0 250 84.2 106 80-120

**Matrix Spike Dup (2413050-MSD1)**

Source: E403234-04

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

Chloride 331 20.0 250 84.2 98.9 80-120 5.12 20

QC Summary Report Comment:

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



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
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.



Project Information

Chain of Custody

<b>Client:</b> Pima Environmental Services <b>Project:</b> Sea Snake 35 state 1H <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>		<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 26H		<b>Lab Use Only</b> <b>Lab WOH:</b> E403234 <b>Job Number:</b> 01058-007		<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:16	3/21	S	1	S1-1'	1							X		
8:27				S1-2'	2									
8:35				S1-3'	3									
8:46				S1-4'	4									
8:58				S2-1'	5									
9:11				S2-2'	6									
9:28				S2-3'	7									
9:36				S2-4'	8									
9:48				S3-1'	9									
9:53				S3-2'	10									

**Additional Instructions:** BH 21127518

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.

<b>Relinquished by: (Signature)</b> Karime Adame <b>Date:</b> 3-22-24 <b>Time:</b> 1340			<b>Received by: (Signature)</b> [Signature] <b>Date:</b> 3-22-24 <b>Time:</b> 1340			<b>Lab Use Only</b> <b>Received on ice:</b> Y / N <b>T1</b> _____ <b>T2</b> _____ <b>T3</b> _____ <b>AVG Temp °C</b> 4
<b>Relinquished by: (Signature)</b> [Signature] <b>Date:</b> 3-22-24 <b>Time:</b> 1530			<b>Received by: (Signature)</b> [Signature] <b>Date:</b> 3-23-24 <b>Time:</b> 11:30			
<b>Relinquished by: (Signature)</b> [Signature]			<b>Received by: (Signature)</b> [Signature]			

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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.



Project Information

Chain of Custody

Client: Pima Environmental Services  
 Project: Sea Snake 35 State 2 H  
 Project Manager: Gio Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 806-782-1151  
 Email: gio@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 261-1

Lab Use Only		TAT			EPA Program		
Lab WO# <u>E 403234</u>	Job Number <u>01058-007</u>	1D	2D	3D	Standard	CWA	SDWA
					<input checked="" type="checkbox"/>		
Analysis and Method							RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
9:59	3/21	S	1	S3-3'	11							X			
10:11				S3-4'	12										
10:17				SW1	13										
10:25				SW2	14										
10:31				SW3	15										
10:46				SW4	16										
10:58				BG1	17										

Additional Instructions: 21127518

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) <u>Karime Adams</u>	Date <u>3-22-24</u>	Time <u>1340</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3-22-24</u>	Time <u>1340</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.  Lab Use Only Received on ice: <u>Y / N</u>  T1 _____ T2 _____ T3 _____  AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>3-22-24</u>	Time <u>1530</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3-23-24</u>	Time <u>11:30</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_

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.



### Envirotech Analytical Laboratory

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

#### Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/23/24 11:30	Work Order ID:	E403234
Phone:	(575) 631-6977	Date Logged In:	03/22/24 18:43	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	03/29/24 17:00 (4 day TAT)		

#### Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

#### Comments/Resolution

#### Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

#### Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal 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? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

#### Field Label

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? 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 filtration 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

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Sea Snake 35 State #001 Battery

Work Order: E407229

Job Number: 01058-0007

Received: 7/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/30/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/30/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Sea Snake 35 State #001 Battery  
Workorder: E407229  
Date Received: 7/30/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/30/2024 5:00:00AM, under the Project Name: Sea Snake 35 State #001 Battery.

The analytical test results summarized in this report with the Project Name: Sea Snake 35 State #001 Battery 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 regarding 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  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 07/30/24 15:09
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-Bottom	E407229-01A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS2-Bottom	E407229-02A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS3-Bottom	E407229-03A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS4-Bottom	E407229-04A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS5-Bottom	E407229-05A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS6-Bottom	E407229-06A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW1	E407229-07A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW2	E407229-08A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW3	E407229-09A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW4	E407229-10A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW5	E407229-11A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW6	E407229-12A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW7	E407229-13A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW8	E407229-14A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW9	E407229-15A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW10	E407229-16A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW11	E407229-17A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW12	E407229-18A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW13	E407229-19A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW14	E407229-20A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW15	E407229-21A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW16	E407229-22A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.

### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CS1-Bottom**  
**E407229-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		114 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.8 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		114 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.8 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		110 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		106 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CS2-Bottom**

**E407229-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.0 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.0 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CS3-Bottom**

**E407229-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		105 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CS4-Bottom**  
**E407229-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CS5-Bottom**

**E407229-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		98.1 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CS6-Bottom**

**E407229-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		90.4 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW1**

**E407229-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		94.9 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW2**

**E407229-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		99.4 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		99.4 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		91.8 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW3**

**E407229-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		92.7 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW4**

**E407229-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		91.2 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW5**

**E407229-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.6 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.6 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		90.2 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW6**

**E407229-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		87.0 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW7**

**E407229-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		93.0 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW8**

**E407229-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		118 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW9**

**E407229-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		117 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW10**

**E407229-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		114 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		114 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.2 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		116 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW11**

**E407229-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.5 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.5 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		118 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW12**

**E407229-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		109 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		121 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW13**

**E407229-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		114 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.6 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		114 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.6 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		117 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW14**

**E407229-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2431030
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		118 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2431038
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW15**

**E407229-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2431035
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		98.7 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2431039
Chloride	ND	20.0	1	07/30/24	07/30/24	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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**CSW16  
E407229-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2431035
Benzene	ND	0.0250	1	07/30/24	07/30/24	
Ethylbenzene	ND	0.0250	1	07/30/24	07/30/24	
Toluene	ND	0.0250	1	07/30/24	07/30/24	
o-Xylene	ND	0.0250	1	07/30/24	07/30/24	
p,m-Xylene	ND	0.0500	1	07/30/24	07/30/24	
Total Xylenes	ND	0.0250	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	07/30/24	07/30/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	07/30/24	07/30/24	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	07/30/24	07/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2431026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/30/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/30/24	07/30/24	
<i>Surrogate: n-Nonane</i>		109 %	50-200	07/30/24	07/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: WF		Batch: 2431039
Chloride	ND	20.0	1	07/30/24	07/30/24	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2431030-BLK1)

Prepared: 07/29/24 Analyzed: 07/29/24

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	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.441		0.500		88.1	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

#### LCS (2431030-BS1)

Prepared: 07/29/24 Analyzed: 07/29/24

Benzene	2.12	0.0250	2.50		84.9	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.7	70-130			
Toluene	2.40	0.0250	2.50		95.9	70-130			
o-Xylene	2.64	0.0250	2.50		106	70-130			
p,m-Xylene	5.24	0.0500	5.00		105	70-130			
Total Xylenes	7.88	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.571		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.6	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

#### LCS Dup (2431030-BSD1)

Prepared: 07/29/24 Analyzed: 07/29/24

Benzene	2.16	0.0250	2.50		86.4	70-130	1.71	23	
Ethylbenzene	2.41	0.0250	2.50		96.3	70-130	0.583	27	
Toluene	2.42	0.0250	2.50		96.7	70-130	0.893	24	
o-Xylene	2.67	0.0250	2.50		107	70-130	1.04	27	
p,m-Xylene	5.31	0.0500	5.00		106	70-130	1.30	27	
Total Xylenes	7.98	0.0250	7.50		106	70-130	1.21	27	
Surrogate: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.452		0.500		90.3	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

#### Blank (2431035-BLK1)

Prepared: 07/30/24 Analyzed: 07/30/24

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	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

#### LCS (2431035-BS1)

Prepared: 07/30/24 Analyzed: 07/30/24

Benzene	2.54	0.0250	2.50		102	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.37	0.0250	2.50		94.7	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.14	0.0500	5.00		103	70-130			
Total Xylenes	7.76	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

#### LCS Dup (2431035-BSD1)

Prepared: 07/30/24 Analyzed: 07/30/24

Benzene	2.48	0.0250	2.50		99.3	70-130	2.47	23	
Ethylbenzene	2.50	0.0250	2.50		100	70-130	1.25	27	
Toluene	2.35	0.0250	2.50		93.8	70-130	0.912	24	
o-Xylene	2.57	0.0250	2.50		103	70-130	1.64	27	
p,m-Xylene	5.05	0.0500	5.00		101	70-130	1.82	27	
Total Xylenes	7.62	0.0250	7.50		102	70-130	1.76	27	
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2431030-BLK1)**

Prepared: 07/29/24 Analyzed: 07/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.441		0.500		88.1	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

**LCS (2431030-BS2)**

Prepared: 07/29/24 Analyzed: 07/29/24

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.583		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.1	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

**LCS Dup (2431030-BSD2)**

Prepared: 07/29/24 Analyzed: 07/29/24

Gasoline Range Organics (C6-C10)	54.0	20.0	50.0		108	70-130	3.27	20	
Surrogate: Bromofluorobenzene	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.442		0.500		88.4	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2431035-BLK1)**

Prepared: 07/30/24 Analyzed: 07/30/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

**LCS (2431035-BS2)**

Prepared: 07/30/24 Analyzed: 07/30/24

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		94.9	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

**LCS Dup (2431035-BSD2)**

Prepared: 07/30/24 Analyzed: 07/30/24

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130	5.69	20	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2431025-BLK1)**

Prepared: 07/29/24 Analyzed: 07/30/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.5		50.0		107	50-200			

**LCS (2431025-BS1)**

Prepared: 07/29/24 Analyzed: 07/30/24

Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	56.0		50.0		112	50-200			

**LCS Dup (2431025-BSD1)**

Prepared: 07/29/24 Analyzed: 07/30/24

Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132	6.13	20	
Surrogate: n-Nonane	54.6		50.0		109	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2431026-BLK1)**

Prepared: 07/29/24 Analyzed: 07/30/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.3		50.0		109	50-200			

**LCS (2431026-BS1)**

Prepared: 07/29/24 Analyzed: 07/30/24

Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	56.3		50.0		113	50-200			

**LCS Dup (2431026-BSD1)**

Prepared: 07/29/24 Analyzed: 07/30/24

Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132	1.28	20	
Surrogate: n-Nonane	56.0		50.0		112	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2431038-BLK1)**

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride ND 20.0

**LCS (2431038-BS1)**

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride 256 20.0 250 102 90-110

**Matrix Spike (2431038-MS1)**

Source: E407229-05

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride 253 20.0 250 ND 101 80-120

**Matrix Spike Dup (2431038-MSD1)**

Source: E407229-05

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride 255 20.0 250 ND 102 80-120 0.933 20



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 State #001 Battery Project Number: 01058-0007 Project Manager: Gio Gomez	<b>Reported:</b> 7/30/2024 3:09:04PM
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#### Anions by EPA 300.0/9056A

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
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**Blank (2431039-BLK1)**

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride ND 20.0

**LCS (2431039-BS1)**

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride 249 20.0 250 99.4 90-110

**Matrix Spike (2431039-MS1)**

Source: E407231-02

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride 251 20.0 250 ND 100 80-120

**Matrix Spike Dup (2431039-MSD1)**

Source: E407231-02

Prepared: 07/30/24 Analyzed: 07/30/24

Chloride 254 20.0 250 ND 102 80-120 1.08 20

QC Summary Report Comment:

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



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State #001 Battery	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/30/24 15:09

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.



Project Information

Chain of Custody

*Battery*

Client: Pima Environmental Services	Attention: <i>Devon</i>	Lab Use Only	TAT	EPA Program
Project: <i>Sea Snake 35 State #001</i>	Address:	Lab WO# <i>E407229</i>	Job Number <i>01058-0007</i>	CWA
Project Manager: Gio Gomez	City, State, Zip	1D <input checked="" type="checkbox"/>	2D	3D
Address: 5614 N. Lovington Hwy.	Phone:	Analysis and Method		Standard
City, State, Zip <i>Hobbs, NM, 88240</i>	Email:	DRO/DRO by 8015	GRO/DRO by 8015	RCRA
Phone: 806-782-1151	Pima Project # <i>261-3</i>	BTEX by 8021	VOC by 8260	Metals 6010
Email: <i>gio@pimaoil.com</i>		Chloride 300.0	BGDOC NM	BGDOC TX
Report due by:		State		NM <input checked="" type="checkbox"/> CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	7/26	S		CS1 - Bottom	1							<input checked="" type="checkbox"/>		
8:12				CS2 - Bottom	2									
8:17				CS3 - Bottom	3									
8:23				CS4 - Bottom	4									
8:29				CS5 - Bottom	5									
8:33				CS6 - Bottom	6									
8:39				CSW1	7									
8:43				CSW2	8									
8:53				CSW3	9									
8:56				CSW4	10									

Additional Instructions: *Billing # 2117518*

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 received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <i>Karime Adame</i>	Date <i>7/28/24</i>	Time <i>2:00</i>	Received by: (Signature) <i>Michelle Gonzales</i>	Date <i>7-28-24</i>	Time <i>1400</i>	Lab Use Only
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date <i>7-29-24</i>	Time <i>1700</i>	Received by: (Signature) <i>L.M.</i>	Date <i>7-29-24</i>	Time <i>1700</i>	Received on ice: <input checked="" type="checkbox"/> Y / N
Relinquished by: (Signature) <i>Andrew Hall</i>	Date <i>7-29-24</i>	Time <i>2145</i>	Received by: (Signature) <i>Keylight R Hall</i>	Date <i>7-30-24</i>	Time <i>0500</i>	T1 _____ T2 _____ T3 _____
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						AVG Temp °C <i>4</i>
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						

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.



Project Information

Chain of Custody

Sea Snake 35 State #001 Battery

Client: Pima Environmental Services
Project:
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Attention: Bill To Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 261-3

Lab Use Only
Lab WO# E407229
Job Number 019589007
TAT 1D 2D 3D Standard
EPA Program CWA SDWA

Analysis and Method
DRO/DRO by 8015
GRO/DRO by 8015
BTEX by 8021
VOC by 8260
Metals 6010
Chloride 300.0
BGDOC NM
BGDOC TX
State NM CO UT AZ TX
RCRA

Table with columns: Time Sampled, Date Sampled, Matrix, No. of Containers, Sample ID, Lab Number, DRO/DRO by 8015, GRO/DRO by 8015, BTEX by 8021, VOC by 8260, Metals 6010, Chloride 300.0, BGDOC NM, BGDOC TX, Remarks. Rows 11-20.

Additional Instructions: Billing # 21127518

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.
Sampled by:
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Table with columns: Relinquished by (Signature), Date, Time, Received by (Signature), Date, Time. Rows for Karime Adame, Michelle Gonzales, and A.H. with dates 7/29/24 and 7/30/24.

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
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.



Project Information

Chain of Custody

SeaSnake 35 State #001 Battery

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT			EPA Program																		
Project:		Attention: <u>Devon</u>		Lab WO# <u>E407229</u>		Job Number <u>01058-0007</u>			1D	2D	3D	Standard	CWA	SDWA													
Project Manager: <u>Gio Gomez</u>		Address:		Analysis and Method					RCRA																		
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip		DRO/ORO by 8015			GRO/DRO by 8015			BTEX by 8021			VOC by 8260			Metals 6010			Chloride 300.0			BGDOC NM			BGDOC TX		
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:																									
Phone: <u>806-782-1151</u>		Email:																									
Email: <u>gio@pimaoil.com</u>		Pima Project # <u>261-3</u>																									
Report due by:																											

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	7/26	S		CSW15	21							X		
	L	L		CSW16	22							I		

Additional Instructions: Billing # 27127518

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 received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Carime Adame</u>	Date <u>7/29/24</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-29-24</u>	Time <u>1400</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-29-24</u>	Time <u>1700</u>	Received by: (Signature) <u>L.H.</u>	Date <u>7-29-24</u>	Time <u>1700</u>	
Relinquished by: (Signature) <u>L.H.</u>	Date <u>7-29-24</u>	Time <u>2145</u>	Received by: (Signature) <u>Kyle R Hall</u>	Date <u>7-30-24</u>	Time <u>0500</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  
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.



Envirotech Analytical Laboratory

Printed: 7/30/2024 10:31:13AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad Date Received: 07/30/24 00:00 Work Order ID: E407229
Phone: (575) 631-6977 Date Logged In: 07/29/24 14:50 Logged In By: Alexa Michaels
Email: gio@pimaoil.com Due Date: 07/30/24 17:00 (0 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes
Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: Couier

Comments/Resolution

No. of containers and sampled by is not listed on the COC by client. Time sampled is not listed on the COC for pages 2 and 3.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C Yes
Note: Thermal 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? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? No

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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

Empty box for client instruction.

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

Date



envirotech Inc.

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QUESTIONS

Action 373988

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373988
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nTO1431629657
Incident Name	NTO1431629657 SEA SNAKE 35 STATE #001H @ 30-025-41625
Incident Type	Release Other
Incident Status	Remediation Closure Report 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	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: 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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QUESTIONS, Page 2

Action 373988

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373988
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

*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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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@dmv.com Date: 08/14/2024
--	--

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**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373988
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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 apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating 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.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl 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

*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.*

On what estimated date will the remediation commence	07/19/2024
On what date will (or did) the final sampling or liner inspection occur	07/26/2024
On what date will (or was) the remediation complete(d)	07/26/2024
What is the estimated surface area (in square feet) that will be reclaimed	1303
What is the estimated volume (in cubic yards) that will be reclaimed	49
What is the estimated surface area (in square feet) that will be remediated	1303
What is the estimated volume (in cubic yards) that will be remediated	49

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

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

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QUESTIONS, Page 4

Action 373988

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373988
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	OWL LANDFILL JAL [fJEG1635837366]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

*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: 08/14/2024
--	--

*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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QUESTIONS, Page 5

Action 373988

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373988
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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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QUESTIONS, Page 6

Action 373988

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373988
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>366444</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>07/26/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>16</b>
What was the sampling surface area in square feet	<b>1600</b>

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	<b>Yes</b>
Have the lateral and vertical extents of contamination been fully delineated	<b>Yes</b>
Was this release entirely contained within a lined containment area	<b>No</b>
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	<b>Yes</b>
What was the total surface area (in square feet) remediated	<b>1303</b>
What was the total volume (cubic yards) remediated	<b>49</b>
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	<b>Yes</b>
What was the total surface area (in square feet) reclaimed	<b>1303</b>
What was the total volume (in cubic yards) reclaimed	<b>49</b>
Summarize any additional remediation activities not included by answers (above)	<b>see report</b>

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/14/2024
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QUESTIONS, Page 7

Action 373988

**QUESTIONS (continued)**

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 373988

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373988
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	8/15/2024