

Volume calculator

There was no volume calculator prepared when the spill occurred.



---

## REMEDIATION CLOSURE REPORT

---

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

Sea Snake 35 State #001H|Devon Energy

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

**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




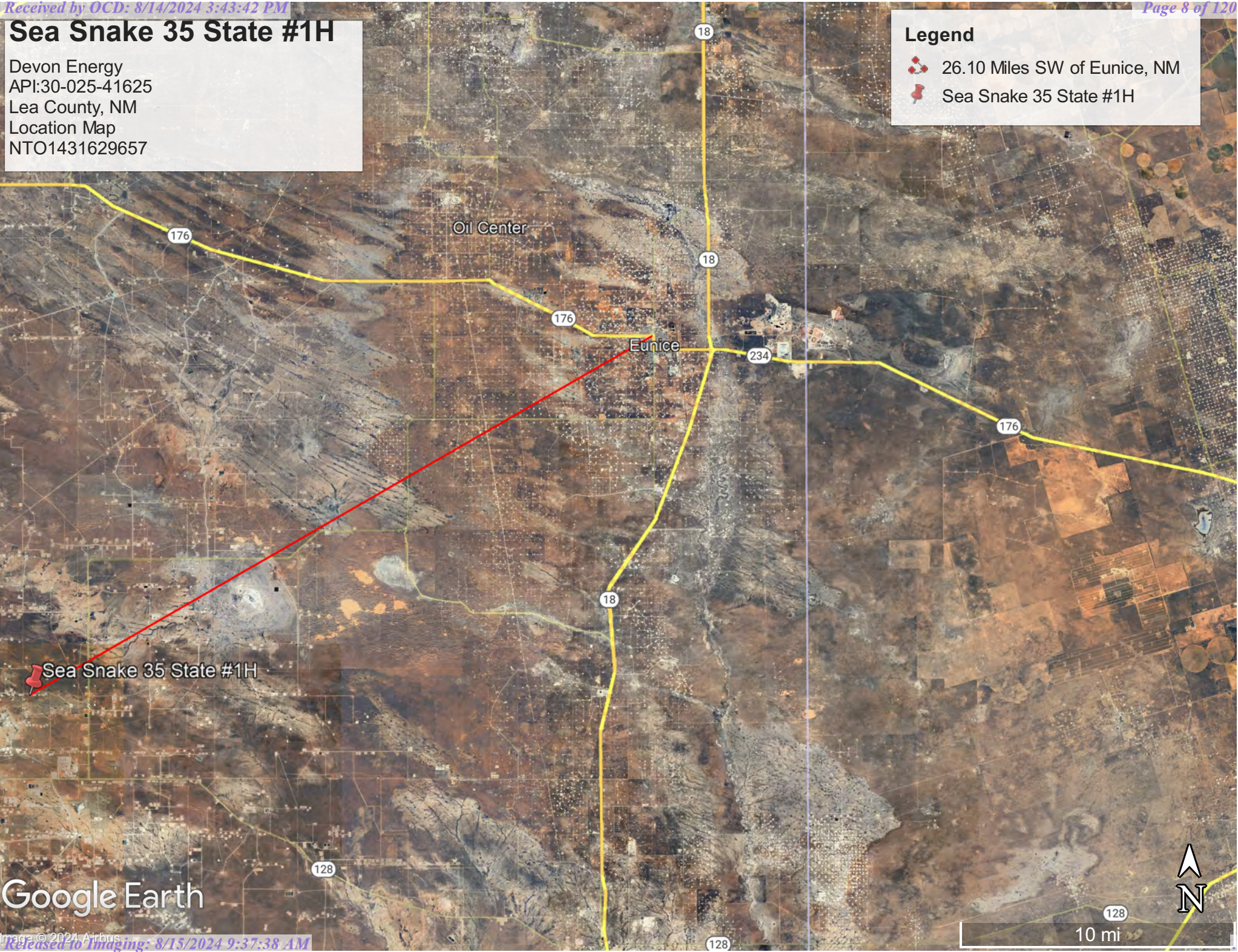
# Sea Snake 35 State #1H

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




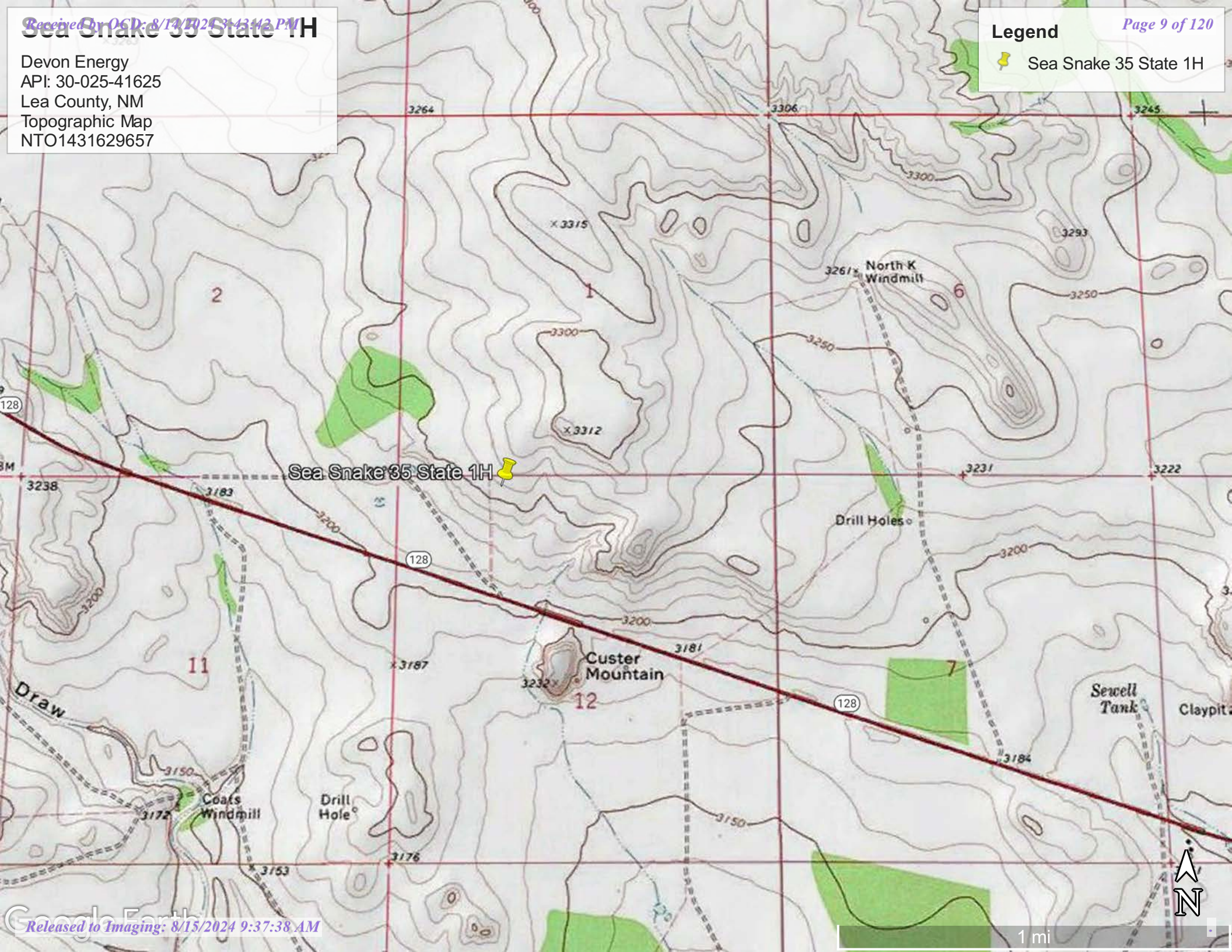
Google Earth



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

**Legend**

-  Sea Snake 35 State 1H







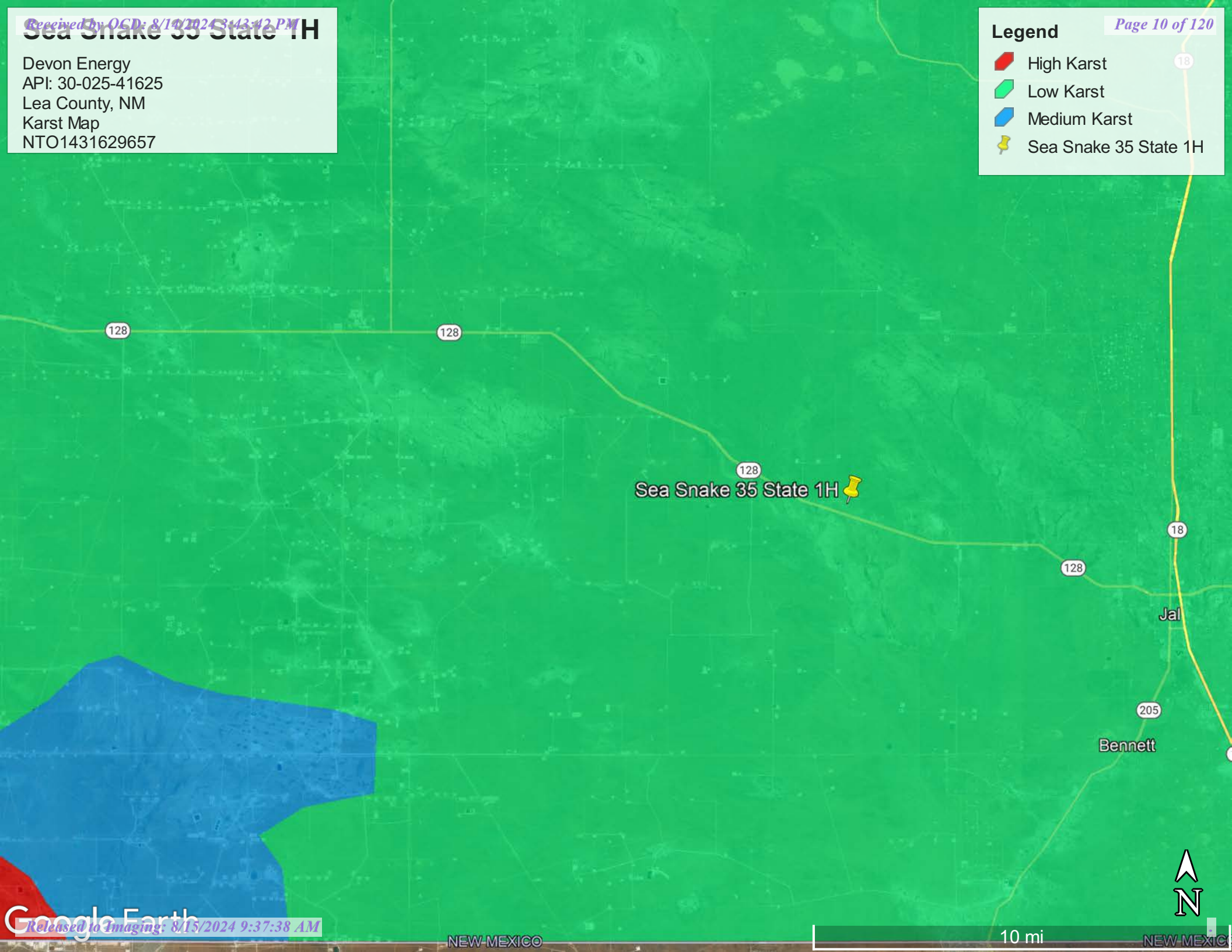


# Sea Snake 35 State 1H

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

## Legend





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




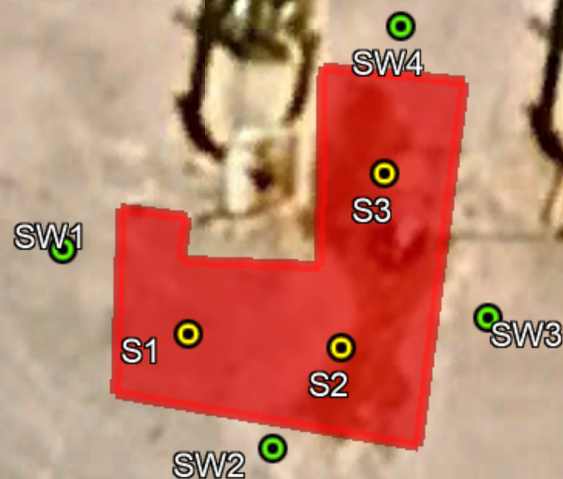
# Sea Snake 35 State 1H

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



100 ft



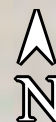
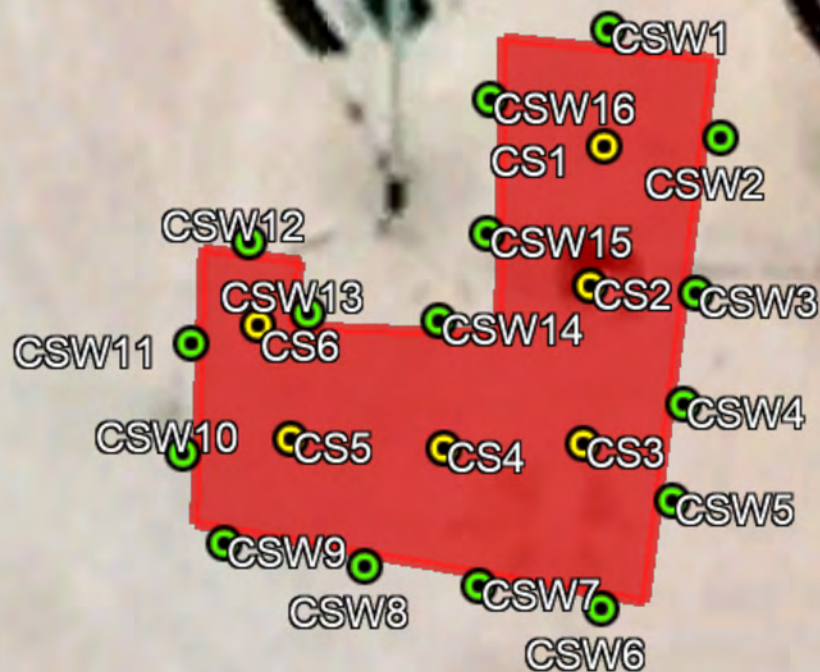
# Sea Snake 35 State #1H

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



60 ft

Google Earth





## 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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C 04753 POD1</a>		CUB	LE	4	4	3	35	23S	33E	637075	3569526	248	55		
<a href="#">C 04595 POD1</a>		CUB	LE	4	3	3	34	23S	33E	635150	3569564	1680	55		
<a href="#">C 02284</a>		CUB	LE	4	2	4	26	23S	33E	637907	3571626*	2325	325	225	100
<a href="#">C 04014 POD5</a>		CUB	LE	1	4	2	01	24S	33E	639284	3569086	2500	95	85	10
<a href="#">C 04014 POD4</a>		CUB	LE	3	4	2	01	24S	33E	639295	3568859	2564	96	86	10
<a href="#">C 04741 POD1</a>		CUB	LE	1	2	4	10	24S	33E	636076	3567039	2635	55		
<a href="#">C 04014 POD3</a>		CUB	LE	2	4	2	01	24S	33E	639497	3569007	2725	95	87	8
<a href="#">C 02281</a>		CUB	LE	3	4	4	28	23S	33E	634495	3571183*	2840	545	400	145
<a href="#">C 02308</a>		CUB	LE	1	3	1	10	24S	33E	634953	3567364*	2892	40	20	20
<a href="#">C 04014 POD2</a>		CUB	LE	4	4	2	01	24S	33E	639656	3568917	2899	95	81	14
<a href="#">C 02283</a>		CUB	LE	4	2	2	26	23S	33E	637896	3572431*	3057	325	225	100
<a href="#">C 02280</a>		CUB	LE	3	2	4	28	23S	33E	634489	3571586*	3092	650	400	250
<a href="#">C 04014 POD1</a>		CUB	LE	1	1	3	06	24S	34E	639811	3568638	3122	91	81	10
<a href="#">C 02282</a>		CUB	LE	3	1	1	25	23S	33E	638098	3572436*	3138	325	225	100
<a href="#">C 02278</a>		CUB	LE	3	4	2	28	23S	33E	634484	3571989*	3372	650	400	250
<a href="#">C 04707 POD1</a>		CUB	LE	4	3	3	33	23S	33E	633413	3569469	3418			
<a href="#">C 02279</a>		CUB	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

**UTM NAD83 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)									
		(quarters are smallest to largest)						(NAD83 UTM in meters)			
<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 		
<hr/>											
<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 Rcv 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>			




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.



# 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

Sea Snake 35 State #1H

C-04753-POD 1

Google Earth

1000 ft







[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

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

Groundwater: Field measurements

GO

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.

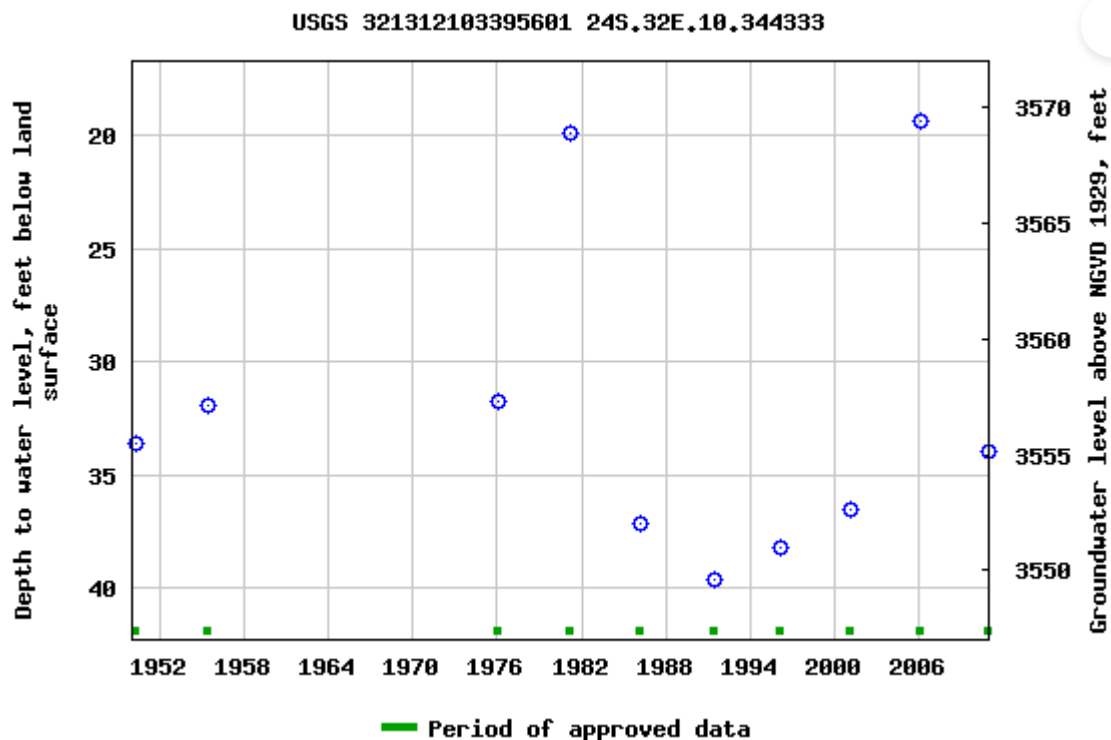
### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

[Questions or Comments](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#)

[FOIA](#)

[Privacy](#)

[Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

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

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**

Page Contact Information: [USGS Water Data Support Team](#)

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

0.63 0.51 nadww01






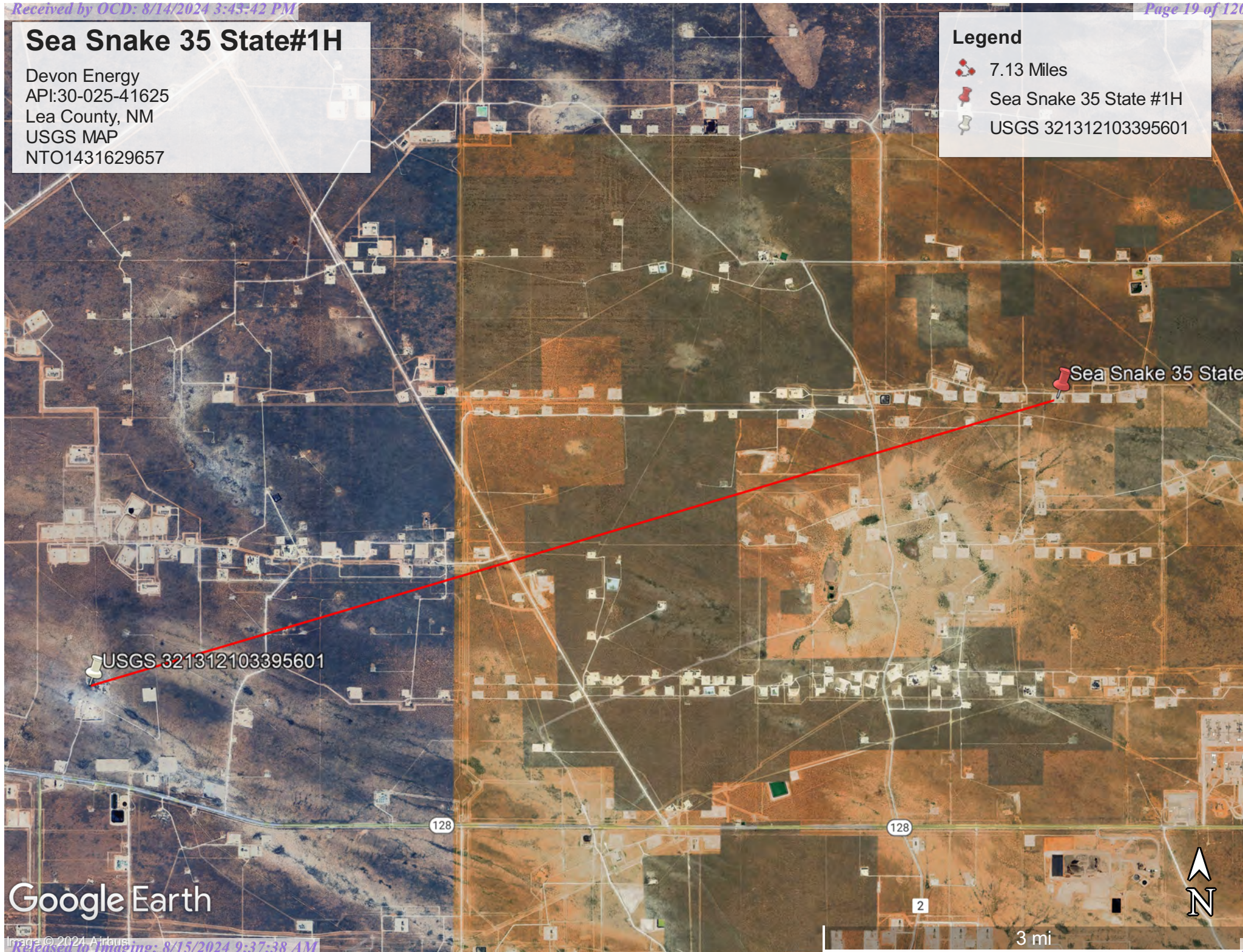


# Sea Snake 35 State#1H

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



**Legend**

 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

---

## 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

---

**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

---

**Palomas**

*Percent of map unit:* 4 percent

*Ecological site:* R070BD003NM - Loamy Sand

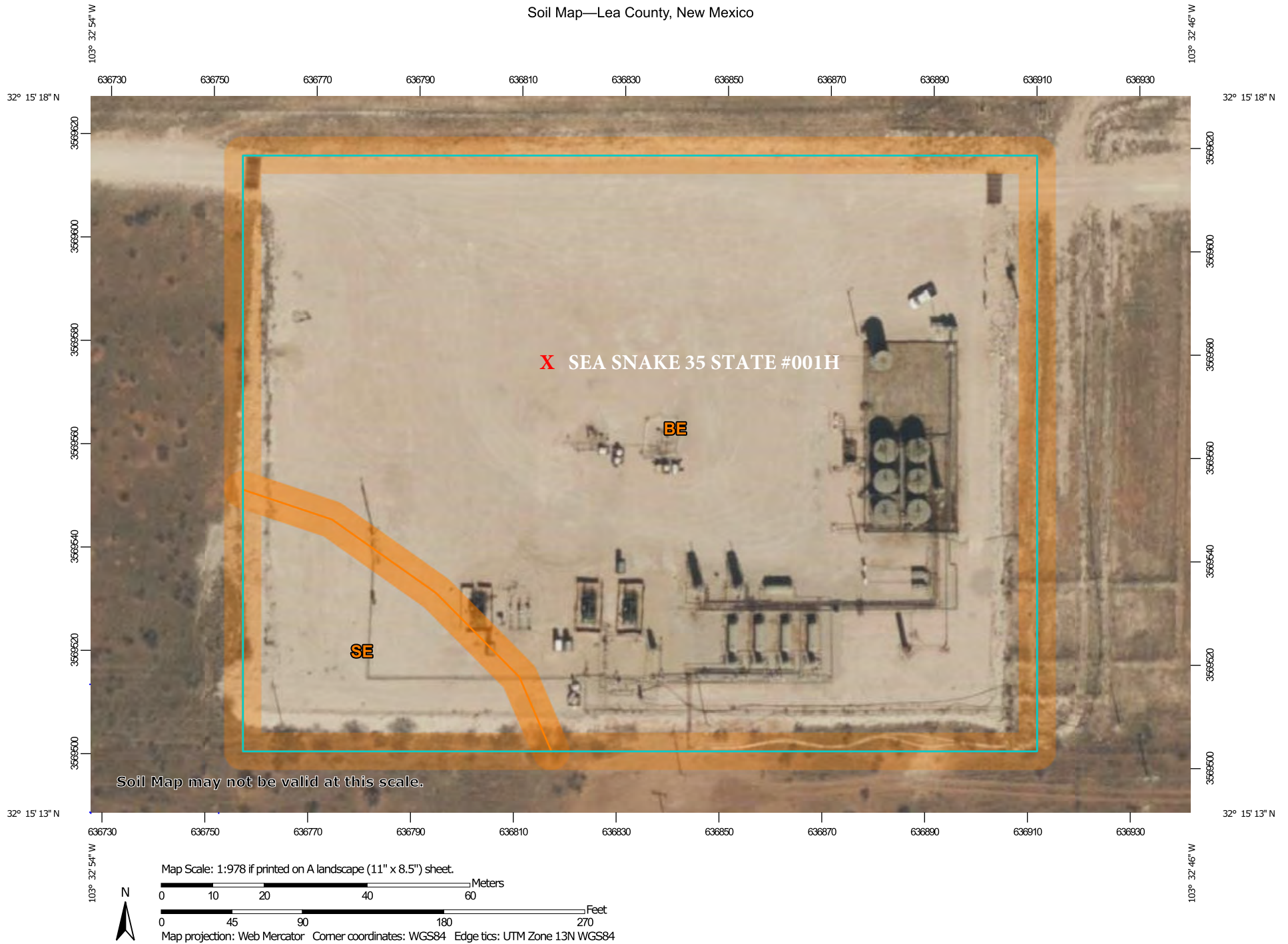
*Hydric soil rating:* No

**Data Source Information**

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

Soil Map—Lea County, New Mexico




Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

7/31/2024  
Page 1 of 3

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.

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%
Totals for Area of Interest		4.4	100.0%

(<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 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )
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.doiig.gov/>) |

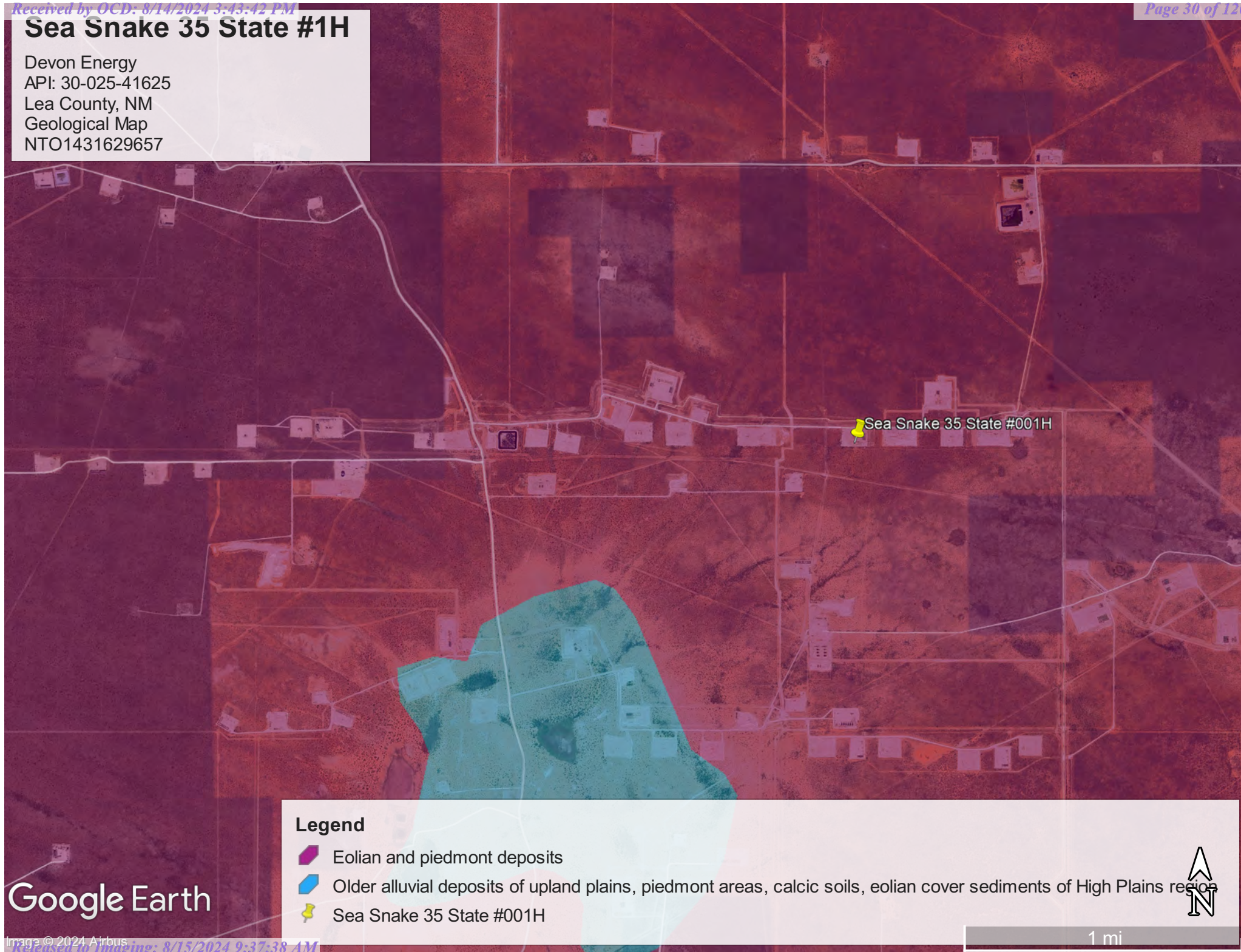


White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |

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



Sea Snake 35 State #001H

## 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

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		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



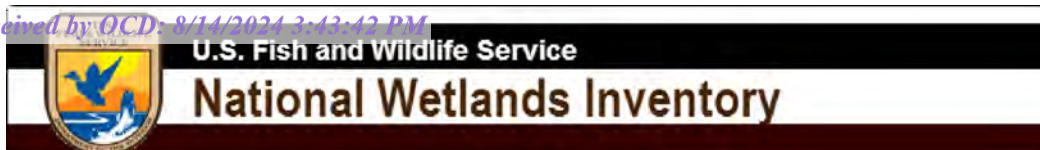
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

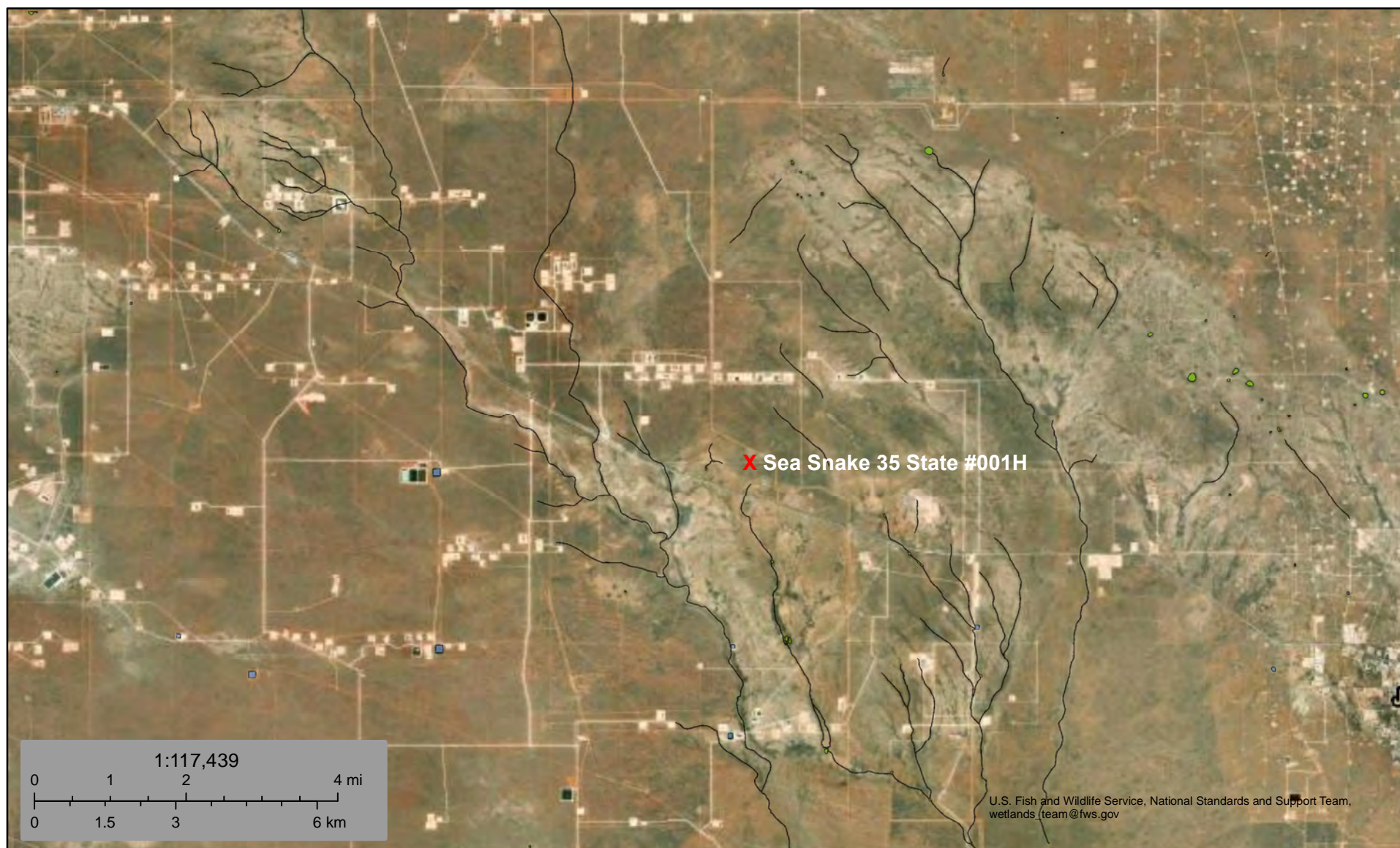
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/14/2023 at 7:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Wetlands Map



February 15, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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



## Appendix C

### ○ 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.

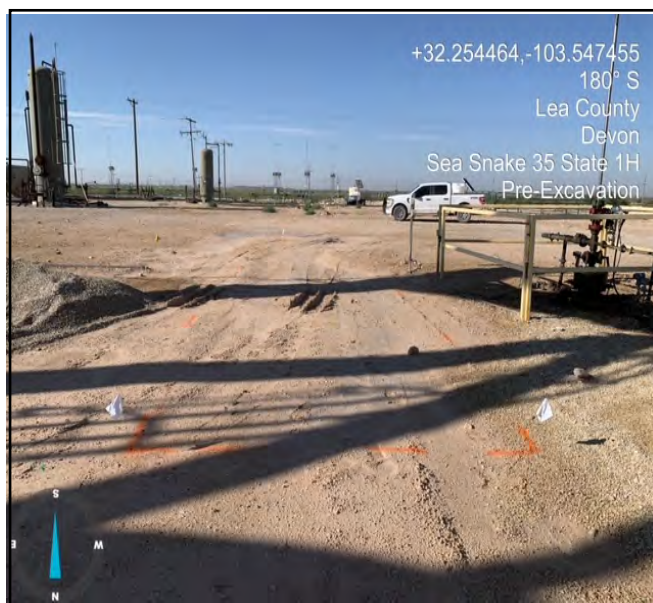


Photo taken prior to excavation, taken facing South.





## PHOTOGRAPHIC DOCUMENTATION

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

### Excavation:



Photo taken during excavation, taken facing Northeast.



Photo taken during excavation, taken facing Northwest.

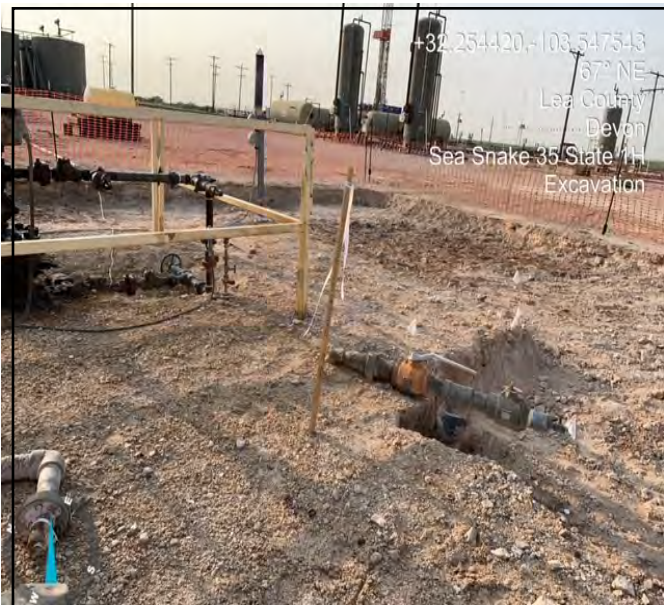


Photo taken during excavation, taken facing Northeast.



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.

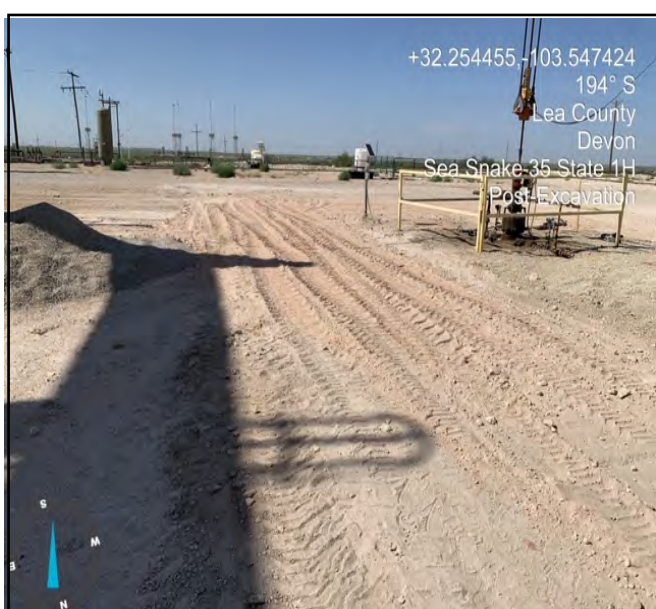


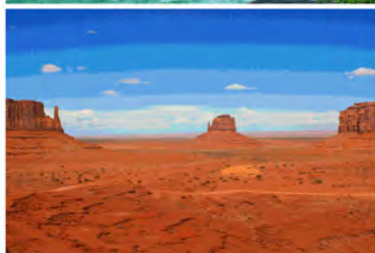
Photo taken pursuant to excavation, taken facing Southwest.



## 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 Golzaes**  
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)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1-1'	6
S1-2'	7
S1-3'	8
S1-4'	9
S2-1'	10
S2-2'	11
S2-3'	12
S2-4'	13
S3-1'	14
S3-2'	15
S3-3'	16
S3-4'	17
SW1	18
SW2	19
SW3	20
SW4	21
BG1	22
QC Summary Data	23
QC - Volatile Organic Compounds by EPA 8260B	23
QC - Nonhalogenated Organics by EPA 8015D - GRO	24

Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	25
QC - Anions by EPA 300.0/9056A	26
Definitions and Notes	27
Chain of Custody etc.	28

## Sample Summary

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

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	Reported: 3/29/2024 4:21:22PM
---	---	----------------------------------

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

**Reported:**  
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	
Surrogate: Bromofluorobenzene		105 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		105 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

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	
Surrogate: Bromofluorobenzene		110 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		110 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

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	
Surrogate: Bromofluorobenzene		117 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		126 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		117 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		126 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		111 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		111 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State 1H	Reported: 3/29/2024 4:21:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State 1H	<b>Reported:</b> 3/29/2024 4:21:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene		109 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		109 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

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

**Reported:**  
3/29/2024 4:21:22PM

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	
Surrogate: Bromofluorobenzene		108 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		108 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		110 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

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	
Surrogate: Bromofluorobenzene		106 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		106 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

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	
Surrogate: Bromofluorobenzene		111 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		111 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		108 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

## 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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		107 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		105 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

## 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	
Surrogate: Bromofluorobenzene		111 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		111 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

## 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	
Surrogate: Bromofluorobenzene		109 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		109 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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

**Reported:**  
3/29/2024 4:21:22PM

## 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	
Surrogate: Bromofluorobenzene		109 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		109 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		109 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		109 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State 1H	Reported: 3/29/2024 4:21:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene		108 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: Bromofluorobenzene		108 %	70-130	03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130	03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130	03/26/24	03/28/24	
<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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/29/2024 4:21:22PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

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

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

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

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

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

Anions by EPA 300.0/9056A

Analyst: WF

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

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	Reported:
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

Page 1 of 2

Client: Pima Environmental Services  
 Project: Sea Snake 35 state 1H  
 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 # 26H

Lab Use Only		TAT				EPA Program	
Lab WOH	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E403234</u>	<u>01058-007</u>				<u>X</u>		
Analysis and Method							
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
						<u>X</u>	
State							
NM	CO	UT	AZ	TX			
<u>X</u>							
Remarks							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
8:16	3/21	S	1	S1-1'	1
8:27			1	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.

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.

Relinquished by: (Signature) <u>Karime Adame</u>	Date <u>3-22-24</u>	Time <u>1340</u>	Received by: (Signature) <u>Devon</u>	Date <u>3-22-24</u>	Time <u>1340</u>
Relinquished by: (Signature) <u>Devon</u>	Date <u>3-22-24</u>	Time <u>1530</u>	Received by: (Signature) <u>Devon</u>	Date <u>3-23-24</u>	Time <u>11:30</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only  
 Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

Page 2 of 2

Client: Pima Environmental Services  
 Project: Sea Snake 35 State 1 H  
 Project Manager: Glo 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

Lab WO# E 403234Job Number 01058-0007

## TAT

1D

2D

3D

Standard

## EPA Program

CWA

SDWA

RCRA

## Analysis and Method

DRO/ORO 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

Remarks

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
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.

Sampled by:

Relinquished by: (Signature)

Karime Adams

Date

3-22-24

Time

1340

Received by: (Signature)

[Signature]

Date

3-22-24

Time

1340

Relinquished by: (Signature)

[Signature]

Date

3-22-24

Time

1530

Received by: (Signature)

[Signature]

Date

3-23-24

Time

11:30

Relinquished by: (Signature)

[Signature]

Date

3-22-24

Time

1530

Received by: (Signature)

[Signature]

Date

3-23-24

Time

11:30

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: Y / N

T1

T2

T3

AVG Temp °C 4

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: 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

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: CourierComments/ResolutionSample 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

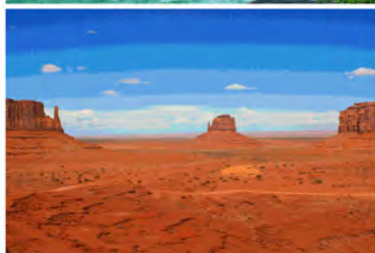
Signature of client authorizing changes to the COC or sample disposition.

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  
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)

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 Gonzales**  
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)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS1-Bottom	6
CS2-Bottom	7
CS3-Bottom	8
CS4-Bottom	9
CS5-Bottom	10
CS6-Bottom	11
CSW1	12
CSW2	13
CSW3	14
CSW4	15
CSW5	16
CSW6	17
CSW7	18
CSW8	19
CSW9	20
CSW10	21
CSW11	22
CSW12	23
CSW13	24
CSW14	25

Table of Contents (continued)

CSW15	26
CSW16	27
QC Summary Data	28
QC - Volatile Organic Compounds by EPA8260B	28
QC - Nonhalogenated Organics by EPA 8015D - GRO	30
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	32
QC - Anions by EPA 300.0/9056A	34
Definitions and Notes	36
Chain of Custody etc.	37

## Sample Summary

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

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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		114 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		114 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	113 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	113 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene	99.9 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	99.9 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		100 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		100 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	96.3 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	96.3 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	95.2 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	95.2 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	99.4 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	99.4 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	97.7 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	97.7 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		87.9 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		87.9 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	113 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	113 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		111 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		111 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene	98.1 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	98.1 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	97.9 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	97.9 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	97.3 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	97.3 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		114 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		87.2 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		114 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		87.2 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		113 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.1 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		114 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		114 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene	99.5 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	99.5 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Project Name:	Sea Snake 35 State #001 Battery	<b>Reported:</b> 7/30/2024 3:09:04PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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	
Surrogate: Bromofluorobenzene		106 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		106 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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

**Reported:**  
7/30/2024 3:09:04PM

## 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	
Surrogate: Bromofluorobenzene		107 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		107 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

Nonhalogenated Organics by EPA 8015D - GRO

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

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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

Anions by EPA 300.0/9056A

Analyst: DT

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

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	Project Name:	Sea Snake 35 State #001 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/30/2024 3:09:04PM

Anions by EPA 300.0/9056A

Analyst: WF

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

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	Reported:
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

Page 2 of 3

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:

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

Lab Use Only										TAT				EPA Program	
Lab WO#		Job Number		1D	2D	3D	Standard			CWA	SDWA				
E407229		01958-0007		X											
Analysis and Method										RCRA					
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX	State					
										NM	CO				
								X							
										UT	AZ				
										TX					
										Remarks					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
	7/26	S		CSW5	11
				CSW6	12
				CSW7	13
				CSW8	14
				CSW9	15
				CSW10	16
				CSW11	17
				CSW12	18
				CSW13	19
				CSW14	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.

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Karime Adame		7/29/24	2:00	Michelle Gonzales		7-29-24	1400
Michelle Gonzales		7-29-24	1700	A.H.		7-29-24	1700
A.H.		7-29-24	2145	Kuylyh R Hall		7-30-24	0500

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

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Lab Use Only	
Received on ice:	<u>Y</u> / N
T1	T2 T3
AVG Temp °C	<u>4</u>

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: CouierComments/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

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

Date



envirotech Inc.



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS  
  
Action 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

Prerequisites	
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.

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

QUESTIONS, Page 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>
<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.</i>	

**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
--	--

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

QUESTIONS, Page 3

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****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
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.	
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.

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

QUESTIONS, Page 4

Action 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>Remediation Plan (continued)</b>	
<i>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.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(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
<i>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>	
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@dmn.com Date: 08/14/2024
<i>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.</i>	



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 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**

<b>Deferral Requests Only</b>	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

QUESTIONS, Page 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	366444
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/26/2024
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	1600

**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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
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	Yes
What was the total surface area (in square feet) remediated	1303
What was the total volume (cubic yards) remediated	49
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	Yes
What was the total surface area (in square feet) reclaimed	1303
What was the total volume (in cubic yards) reclaimed	49
Summarize any additional remediation activities not included by answers (above)	see report

*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
--	--

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 7  
  
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

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

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 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