

Volume calculator

There was no volume calculator prepared when the spill occurred.



REMEDIATION CLOSURE REPORT

Incident ID:NDHR1914958657

Sea Snake 35 State #001H Battery

Facility: fDHR1914958529

Prepared By:
Pima Environmental Services, LLC

Prepared For:
Devon Energy Production, LP

September 27, 2024
Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240

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Hobbs, NM 88240
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September 27, 2024

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

Re: Site Assessment, Remediation, and Closure Report
Sea Snake 35 State #001H Battery
API No. 30-025-41625
GPS: Latitude 32.2544518 Longitude -103.5474319
UL - M, Section 35, T23S, R33E
Lea County, NM
NMOCD Ref. No. NDHR1914958657

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 crude oil release that occurred at the Sea Snake 35 State #001H Battery (Sea Snake). The incident was assigned incident ID: NDHR1914958657 on April 30, 2019, 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 Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of 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 miles away from the Sea Snake, drilled on July 27, 2023. Conversely, as per the United States Geological Survey well water data (USGS321312103395601 24S.32E.10.344333), the nearest groundwater depth in this region is recorded at 34 feet BGS, situated approximately 7.13 of a mile 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 Battery | [Devon Energy](#)

Release Information

NDHR1914958657: On April 28, 2019, there was a ruptured header in the flowline coming into the facility, at the header, causing fluid release. Spill areas 48' x 36' x ½" and 36' x 16' x ½". The released fluids were calculated to be approximately 15 barrels (bbls) of crude oil. No fluid was able to be recovered. The area was approximately 1200 sq ft.

Remediation Activities, Site Assessment, and Soil Sampling Results

On April 10, 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 this sampling events are provided in the following data table. A Site Map is available in Figure 4

4-10-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater 151-100')								
DEVON ENERGY Sea Snake 35 State #1H - NDHR1914958657								
Date: 4-10-24		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'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	27.4	ND	27.4	24.1
	4'	ND	ND	ND	28.7	ND	28.7	20.5
	5'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	27.7	ND	27.7	20.4
	4'	ND	ND	ND	27.4	ND	27.4	23.3
	5'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	29.7	ND	29.7	23.2
	4'	ND	ND	ND	26.9	ND	26.9	21.8
	5'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	21.9
	4'	ND	ND	ND	26.7	ND	26.7	20.1
	5'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	22.8
	4'	ND	ND	ND	ND	ND	0	22.8
	5'	ND	ND	ND	ND	ND	0	ND
S6	1'	ND	ND	ND	74.2	105	179.2	ND
	2'	ND	ND	ND	91.5	136	227.5	ND
	3'	ND	ND	ND	ND	ND	0	20.5
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND

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NMOCB Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater 51-100')								
DEVON ENERGY Sea Snake 35 State #1H - NDHR1914958657								
Date: 4-10-24		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
S7	1'	ND	ND	ND	83.1	118	201.1	ND
	2'	ND	ND	ND	64.4	87.8	152.2	ND
	3'	ND	ND	ND	28	ND	28	21.2
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
S8	1'	ND	ND	ND	118	141	259	ND
	2'	ND	ND	ND	54.5	77.4	131.9	ND
	3'	ND	ND	ND	30.3	ND	30.3	22.8
	4'	ND	ND	ND	27.2	ND	27.2	ND
	5'	ND	ND	ND	ND	ND	0	ND
S9	1'	ND	ND	ND	147	179	326	ND
	2'	ND	ND	ND	69.5	94.2	163.7	ND
	3'	ND	ND	ND	26.7	ND	26.7	21.1
	4'	ND	ND	ND	27.5	ND	27.5	20.8
	5'	ND	ND	ND	ND	ND	0	ND
S10	1'	ND	ND	ND	115	128	243	ND
	2'	ND	ND	ND	72.7	96.3	169	ND
	3'	ND	ND	ND	27.8	ND	27.8	21.9
	4'	ND	ND	ND	ND	ND	0	22.1
	5'	ND	ND	ND	ND	ND	0	ND
S11	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	29.2	ND	29.2	20.7
	4'	ND	ND	ND	25.5	ND	25.5	22.3
	5'	ND	ND	ND	ND	ND	0	ND
S12	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	25.3	ND	25.3	ND
	4'	ND	ND	ND	ND	ND	0	20.9
	5'	ND	ND	ND	ND	ND	0	ND
S13	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	32.9	ND	32.9	21.2
	4'	ND	ND	ND	42.4	ND	42.4	23.9
	5'	ND	ND	ND	ND	ND	0	ND
S14	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	40.2	ND	40.2	24.7
	4'	ND	ND	ND	47.5	57	104.5	23.7
	5'	ND	ND	ND	ND	ND	0	ND
S15	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	29.2	ND	29.2	23.6
	4'	ND	ND	ND	33.6	ND	33.6	23.3
	5'	ND	ND	ND	ND	ND	0	ND
S16	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	27.5	ND	27.5	23.7
	4'	ND	ND	ND	28.8	ND	28.8	25.7
	5'	ND	ND	ND	ND	ND	0	ND
S17	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	29.8	ND	29.8	24.5
	4'	ND	ND	ND	35.2	ND	35.2	23.7
	5'	ND	ND	ND	ND	ND	0	ND
S18	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	35.2	ND	35.2	22
	4'	ND	ND	ND	67.1	ND	67.1	43.2
	5'	ND	ND	ND	ND	ND	0	ND
SW1	0-1'	ND	ND	ND	34	ND	34	ND
SW2	0-1'	ND	ND	ND	27.8	ND	27.8	ND
SW3	0-1'	ND	ND	ND	ND	ND	0	ND
SW4	0-1'	ND	ND	ND	ND	ND	0	ND
SW5	0-1'	ND	ND	ND	ND	ND	0	ND
SW6	0-1'	ND	ND	ND	ND	ND	0	ND
SW7	0-1'	ND	ND	ND	ND	ND	0	ND
SW8	0-1'	ND	ND	ND	ND	ND	0	ND
SW9	0-1'	ND	ND	ND	ND	ND	0	ND
SW10	0-1'	ND	ND	ND	ND	ND	0	ND

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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Sea Snake 35 State #1H -NDHR1914958657								
Date: 4-10-24		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
SW11	0-1'	ND	ND	ND	ND	ND	0	ND
SW12	0-1'	ND	ND	ND	32.9	ND	32.9	ND
SW13	0-1'	ND	ND	ND	ND	ND	0	ND
SW14	0-1'	ND	ND	ND	ND	ND	0	ND
SW15	0-1'	ND	ND	ND	ND	ND	0	ND
SW16	0-1'	ND	ND	ND	ND	ND	0	ND
SW17	0-1'	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 3 feet below ground surface (BGS). A total of 132 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: 366441, 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 composite samples were collected at 3 feet deep. The results of this sampling event are provided in the following table, and a Confirmation Sample Map can be found in Figure 5.

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 -NDHR1914958657								
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	3' comp	ND	ND	ND	ND	ND	0	ND
CS2-Bottom	3' comp	ND	ND	ND	ND	ND	0	ND
CS3-Bottom	3' comp	ND	ND	ND	ND	ND	0	ND
CS4-Bottom	3' comp	ND	ND	ND	ND	ND	0	ND
CS5-Bottom	3' comp	ND	ND	ND	ND	ND	0	ND
CS6-Bottom	3' comp	ND	ND	ND	ND	ND	0	ND
CS7-Bottom	4' comp	ND	ND	ND	ND	ND	0	ND
CS8-Bottom	4' comp	ND	ND	ND	ND	ND	0	ND
CSW1	3' comp	ND	ND	ND	ND	ND	0	ND
CSW2	3' comp	ND	ND	ND	ND	ND	0	ND
CSW3	3' comp	ND	ND	ND	ND	ND	0	ND
CSW4	3' comp	ND	ND	ND	ND	ND	0	ND
CSW5	3' comp	ND	ND	ND	ND	ND	0	ND
CSW6	3' comp	ND	ND	ND	ND	ND	0	ND
CSW7	4' comp	ND	ND	ND	ND	ND	0	ND
CSW8	4' comp	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete Laboratory Reports can be found in Appendix E.

Countermeasures Due to Rejection application ID:373990

The prior report faced rejection due to concerns raised by the NMOCD. The summary of rejection outlined the following reasons:

- Pursuant to 19.15.29.12 D.(1)(c) NMAC, without division approval, the responsible party may elect to perform a composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet. OCD has calculated the square footage of the base samples based on the information provided on the scaled site map and has determined that the base samples are representative of more than 200 square feet.
 - A revised map has been updated to accurately reflect square footage, ensuring no section exceeds 200 square feet. The total excavation area measures 1,200 square feet.
- Clarify why CS3 is located on the map in 2 separate locations.
 - The original map submitted contained a clerical error showing two CS3 sample points. The revised map now correctly illustrates only one CS3.
- For the question "What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A wetland," the answer "Greater than 5 (mi.)" was selected. An emergent wetland is located within 1000 ft and ½ mile of the release.
 - This will be corrected with the next closure report submittal, to indicate between 1,000 feet and ½ mile.
- For the question "Did the release impact areas not on an exploration, development, production, or storage site," the answer "No" was selected. The location of the remediation excavation depicted on the maps show that the release did impact areas not on an exploration, development, production, or storage site.
 - This will be corrected with the next closure report submittal, to indicate that the release affected areas outside of an exploration, development, production, or storage site.
- The square footage in the remediation plan and remediation closure request sections of the C-141 will need to be updated to reflect the correct square footage on the maps.
 - No updates are needed for the square footage on the remediation plan, as it is accurate. The map included in the closure report has been revised to reflect the correct footage of the remediation area.

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Based on the sample results, both the bottom and sidewalls of the excavation were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was adequately removed and transported to the NMOCD-approved disposal site, North Delaware Basin landfill. Refer to Appendix D for photographic documentation.

Closure Request

After careful review, Pima requests that this incident, NDHR1914958657, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

For questions or additional information, please feel free to contact:
Devon Energy – Dale Woodall – 575-748-1838 or dale.woodall@devon.com.
Pima Environmental – Gio Gomez – 806-782-1151 or Gio@pimaoil.com.

Respectfully,



Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

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

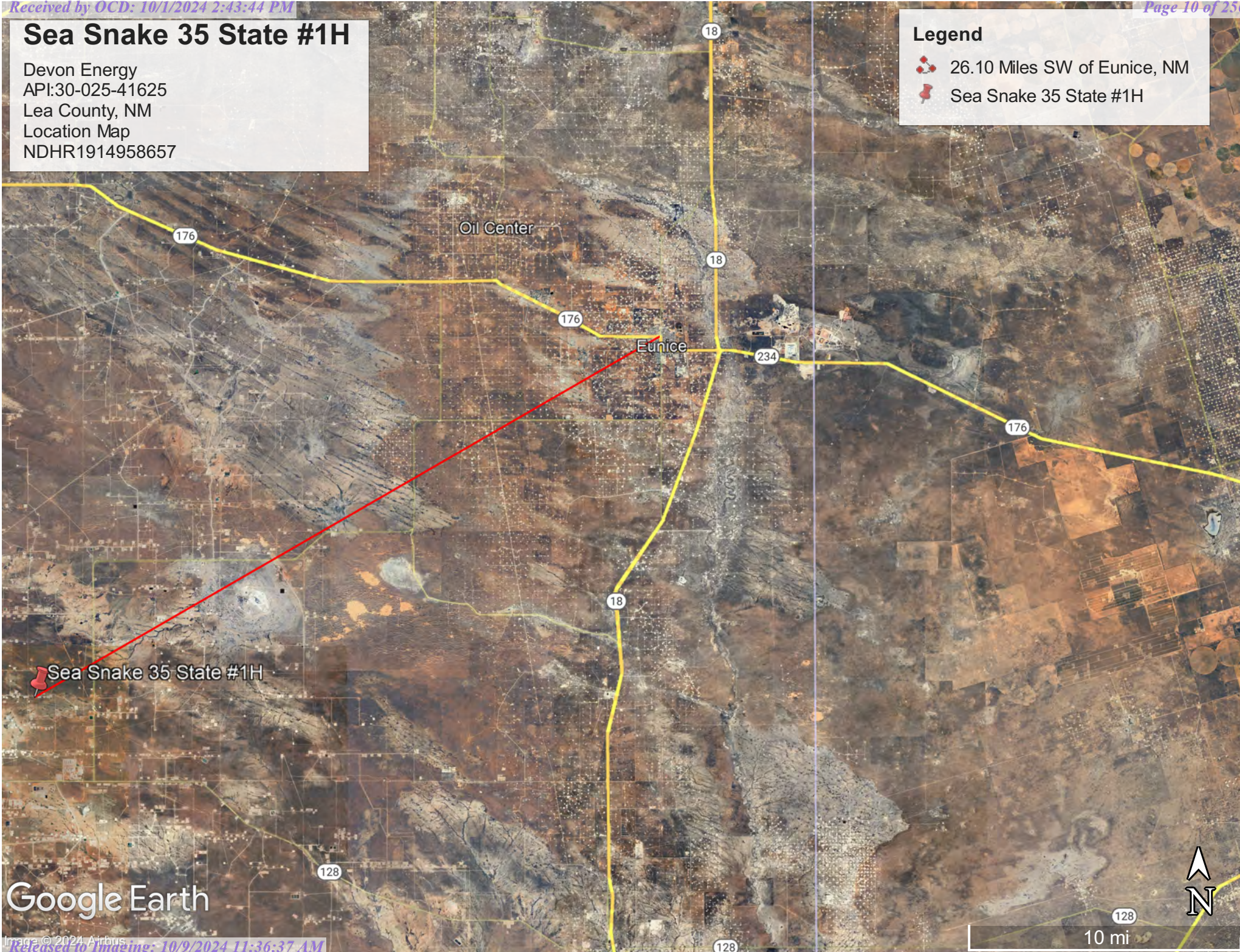
Figure 5- Confirmation Sample Map

Sea Snake 35 State #1H

Devon Energy
API:30-025-41625
Lea County, NM
Location Map
NDHR1914958657

Legend


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

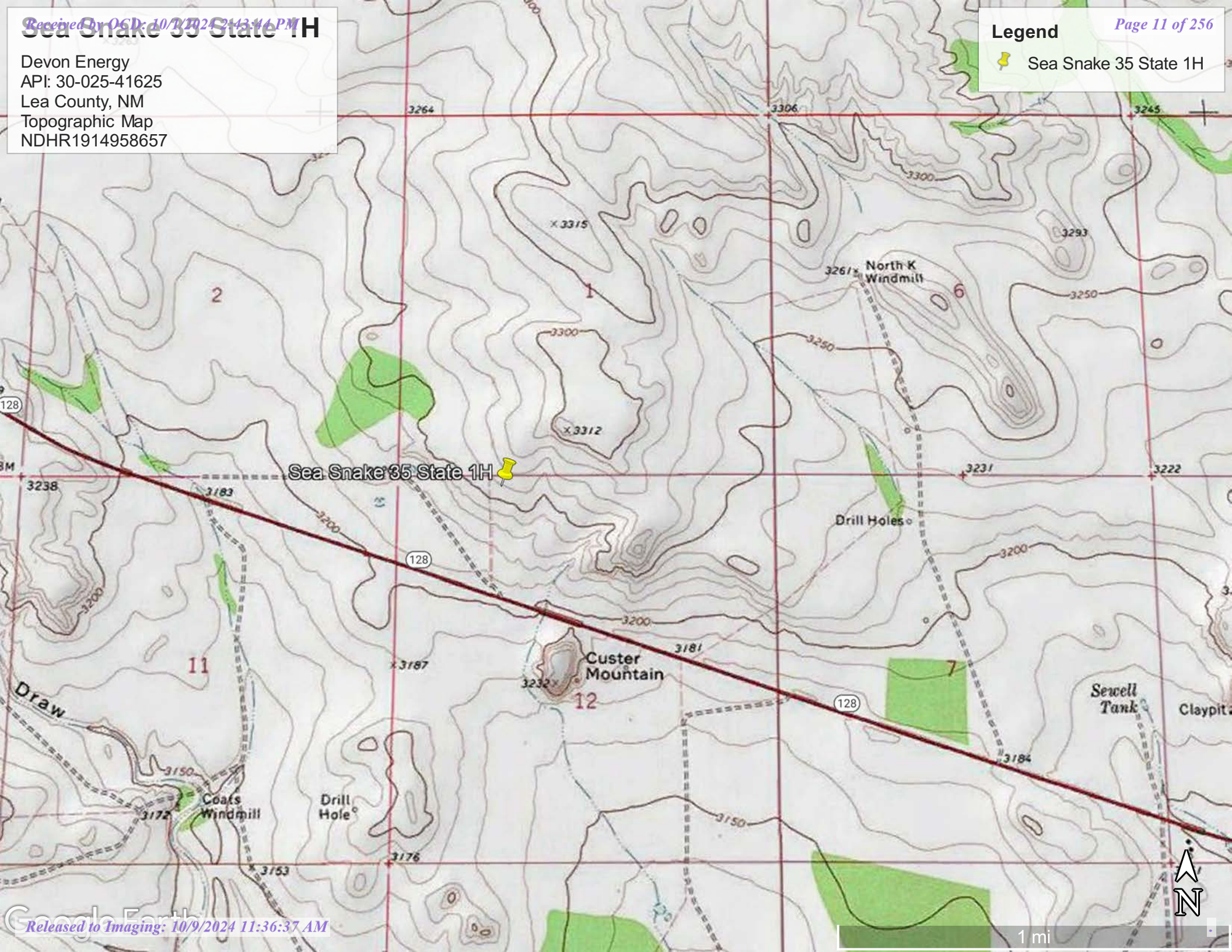


Google Earth

Devon Energy
API: 30-025-41625
Lea County, NM
Topographic Map
NDHR1914958657

Legend





-  Sea Snake 35 State 1H

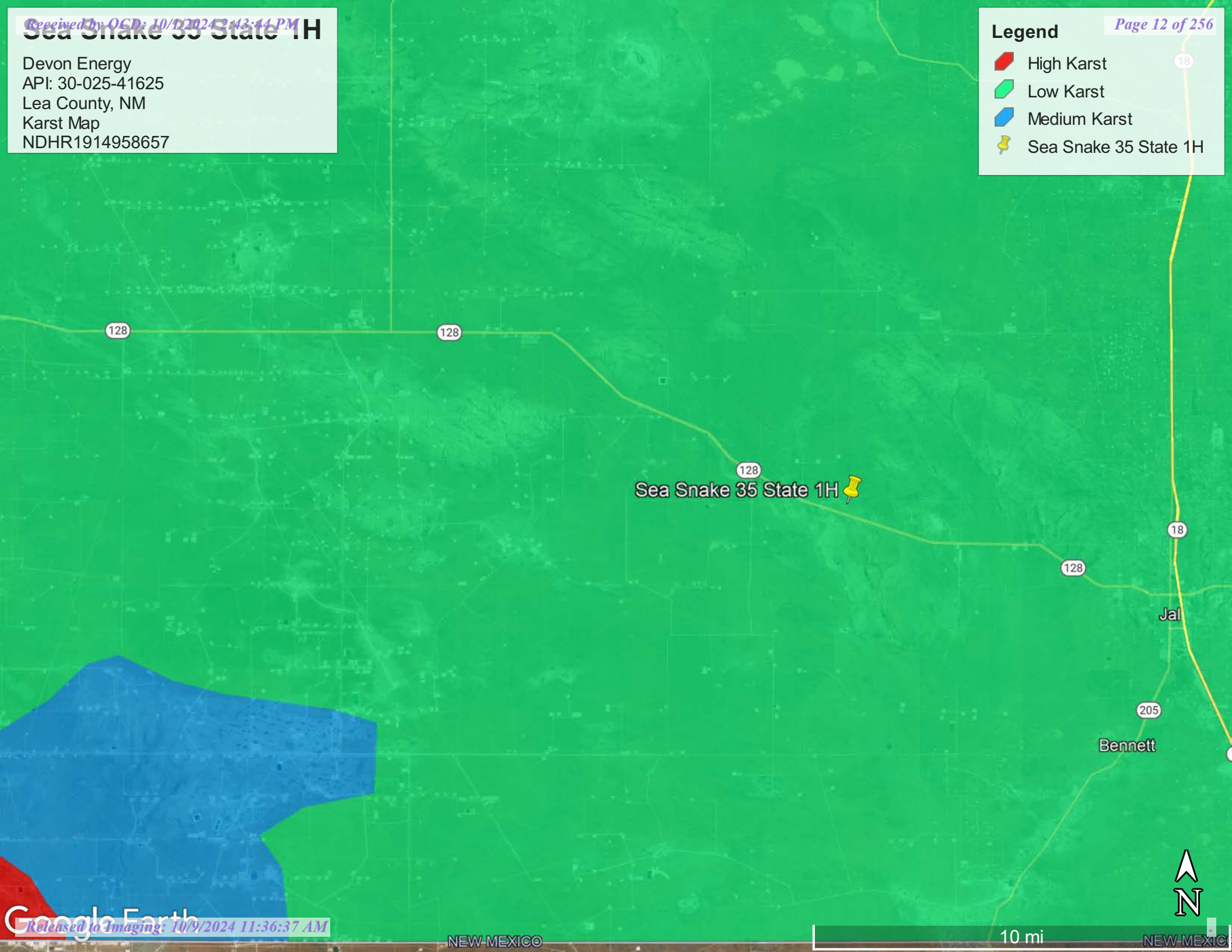


Sea Snake 35 State 1H

Devon Energy
API: 30-025-41625
Lea County, NM
Karst Map
NDHR1914958657

Legend

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

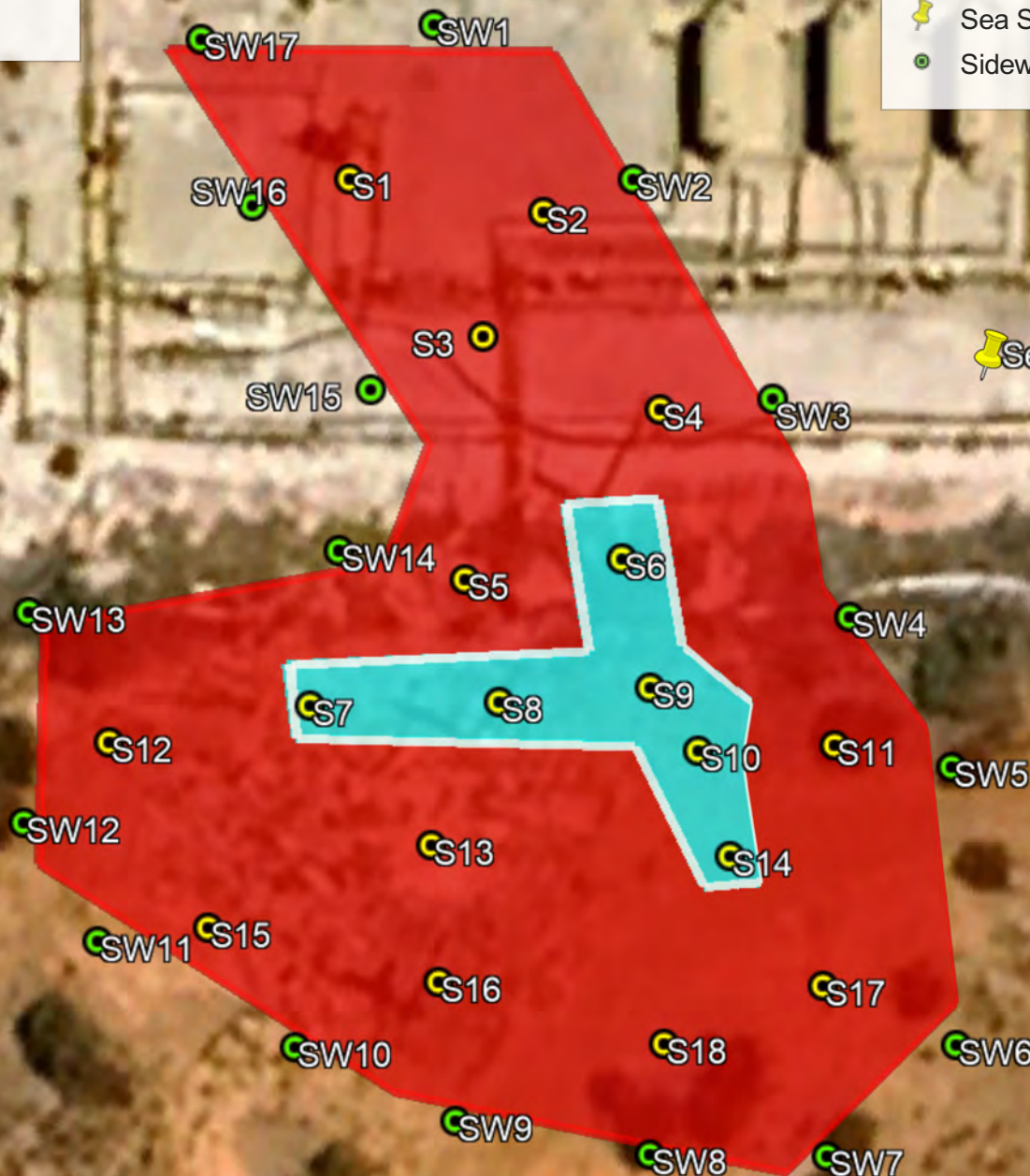


Sea Snake 35 State #1H

Devon Energy
API: 30-025-41625
Lea County, NM
Site Map
NDHR1914958657

Legend

- S6-3' S7-3' S8-2' S9-3' S10-2' S14-4
- Sampled Area
- Samples
- Sea Snake 35 St 1H
- Sidewalls



Sea Snake 35 St 1H







90 ft


Google Earth

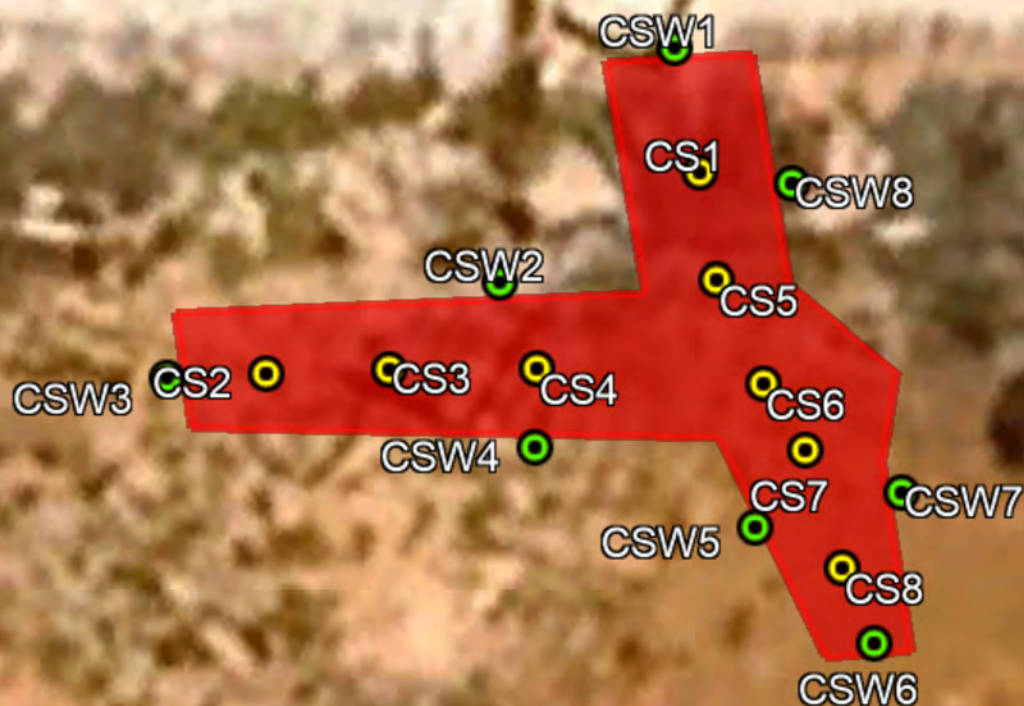
Sea Snake 35 State #1H

Devon Energy
API: 30-025-41625
Lea County, NM
Confirmation Map
NDHR1914958657

Legend

-  1,200 Sq ft
-  Confirmation Bottoms 3' feet of depth
-  Confirmation Sidewalls
-  Sea Snake 35 St 1H

 Sea Snake 35 St 1H



Google Earth



60 ft



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
C 04753 POD1		CUB	LE	4	4	3	35	23S	33E	637075	3569526	248	55		
C 04595 POD1		CUB	LE	4	3	3	34	23S	33E	635150	3569564	1680	55		
C 02284		CUB	LE	4	2	4	26	23S	33E	637907	3571626*	2325	325	225	100
C 04014 POD5		CUB	LE	1	4	2	01	24S	33E	639284	3569086	2500	95	85	10
C 04014 POD4		CUB	LE	3	4	2	01	24S	33E	639295	3568859	2564	96	86	10
C 04741 POD1		CUB	LE	1	2	4	10	24S	33E	636076	3567039	2635	55		
C 04014 POD3		CUB	LE	2	4	2	01	24S	33E	639497	3569007	2725	95	87	8
C 02281		CUB	LE	3	4	4	28	23S	33E	634495	3571183*	2840	545	400	145
C 02308		CUB	LE	1	3	1	10	24S	33E	634953	3567364*	2892	40	20	20
C 04014 POD2		CUB	LE	4	4	2	01	24S	33E	639656	3568917	2899	95	81	14
C 02283		CUB	LE	4	2	2	26	23S	33E	637896	3572431*	3057	325	225	100
C 02280		CUB	LE	3	2	4	28	23S	33E	634489	3571586*	3092	650	400	250
C 04014 POD1		CUB	LE	1	1	3	06	24S	34E	639811	3568638	3122	91	81	10
C 02282		CUB	LE	3	1	1	25	23S	33E	638098	3572436*	3138	325	225	100
C 02278		CUB	LE	3	4	2	28	23S	33E	634484	3571989*	3372	650	400	250
C 04707 POD1		CUB	LE	4	3	3	33	23S	33E	633413	3569469	3418			
C 02279		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

UTMNAD83 Radius Search (in meters):

Easting (X): 636829.78

Northing (Y): 3569565.5

Radius: 4000

*UTM location was derived from PLSS - see Help

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


10/19/23 9:56 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary




		(quarters are 1=NW 2=NE 3=SW 4=SE)									
		(quarters are smallest to largest)						(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
NA	C 04753 POD1	4	4	3	35	23S	33E	637075	3569526 		
x											
Driller License:		Driller Company:									
Driller Name:		JASON MALEY 1833									
Drill Start Date:		07/27/2023		Drill Finish Date:		07/27/2023		Plug Date:			
								07/31/2023			
Log File Date:		08/21/2023		PCW Rcv Date:		Source:					
Pump Type:				Pipe Discharge Size:		Estimated Yield:					
Casing Size:		2.00		Depth Well:		55 feet		Depth Water:			
x											

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

Sea Snake 35 State #1H

Devon Energy
API: 30-025-41625
Lea County, NM
C-04753-POD 1 MAP
NDHR1914958657

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

Image © 2024 Airbus
Released to Imaging: 10/9/2024 11:36:37 AM

1000 ft





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

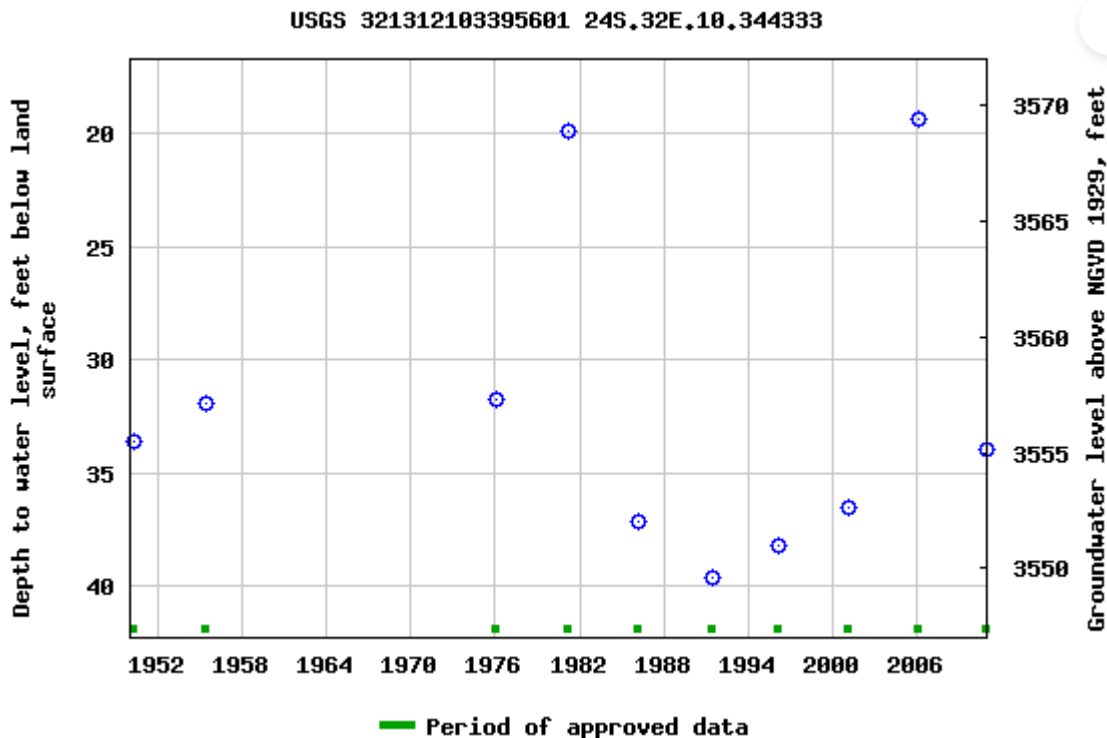
Output formats

[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.
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[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

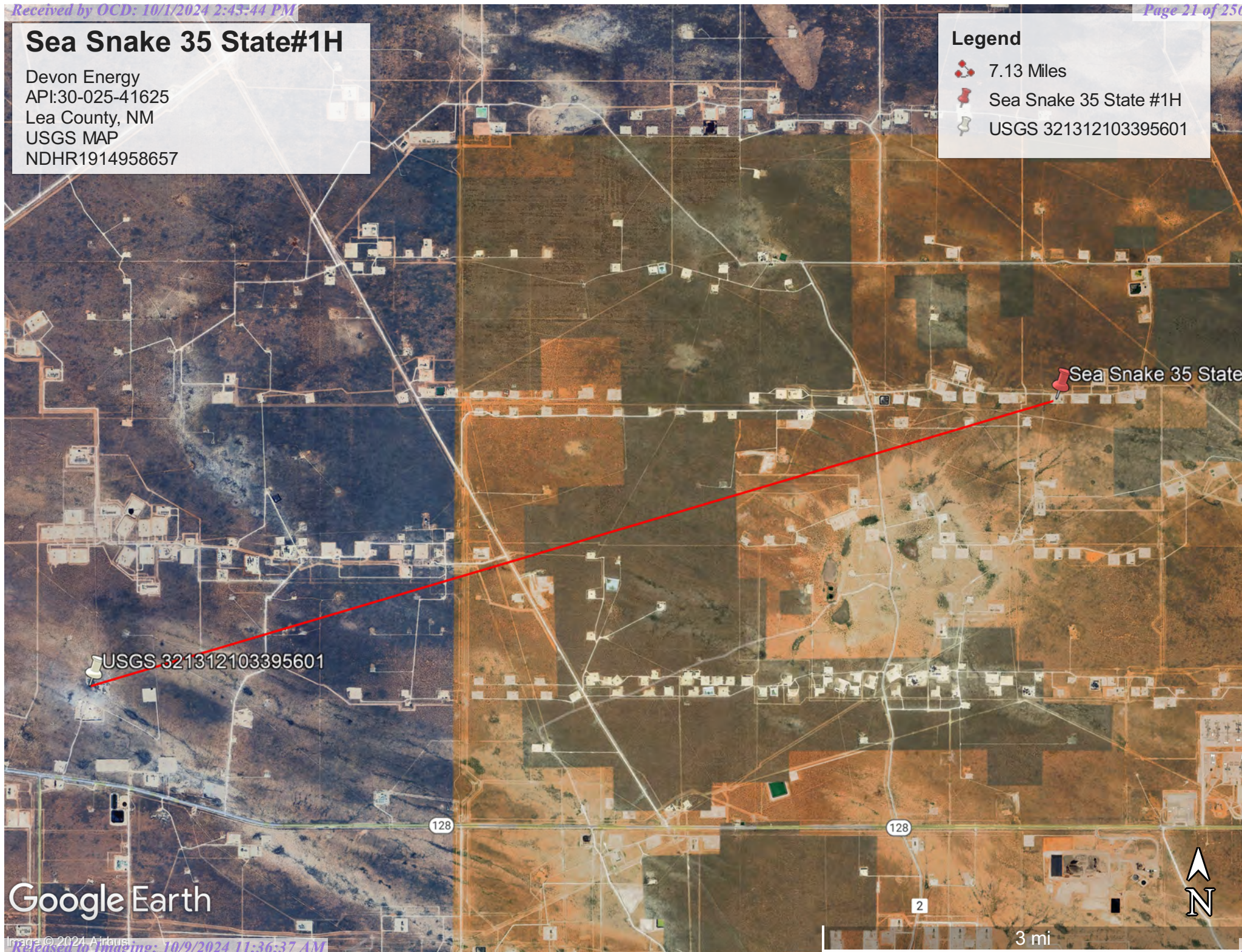
0.63 0.51 nadww01

Sea Snake 35 State#1H

Devon Energy
API:30-025-41625
Lea County, NM
USGS MAP
NDHR1914958657

Legend

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

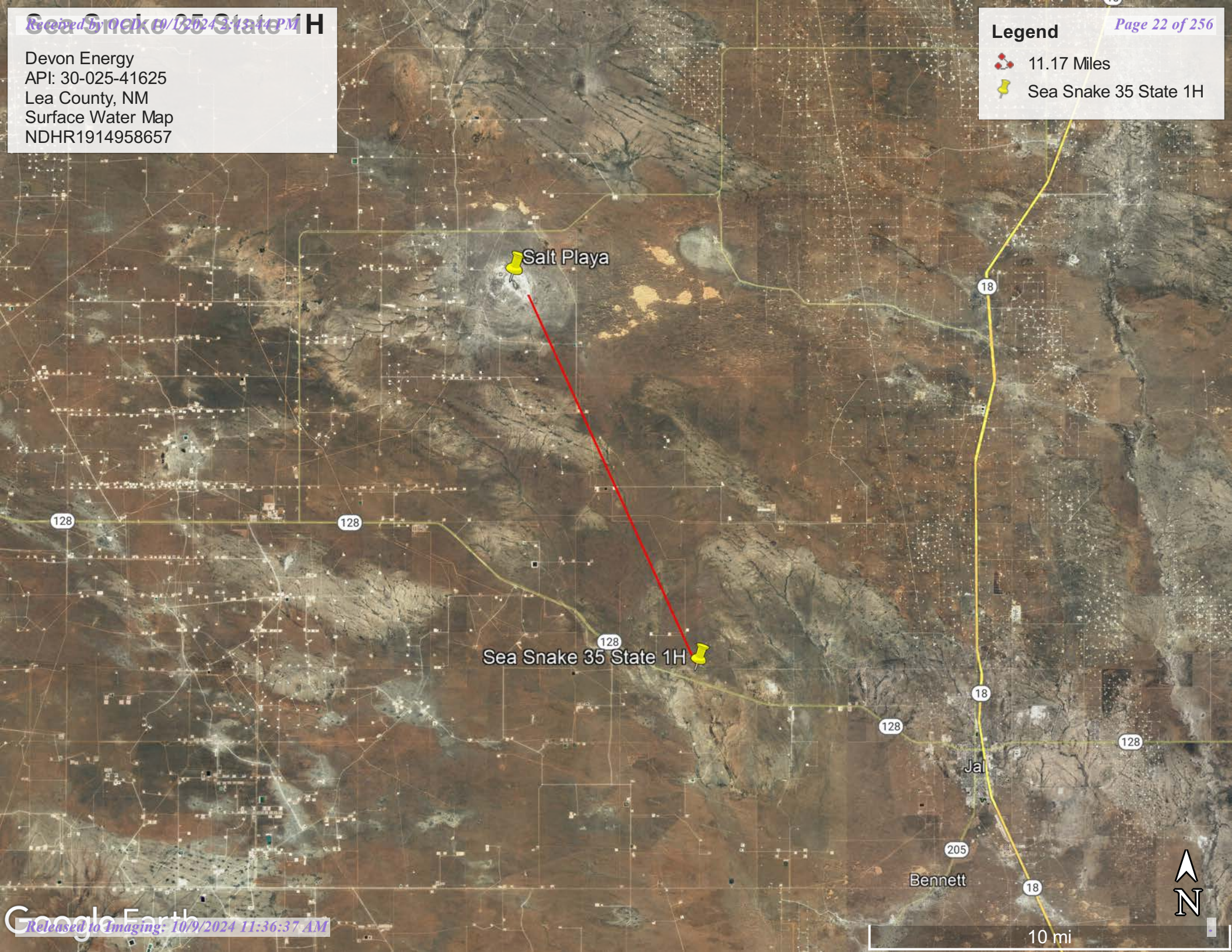


Google Earth

Devon Energy
API: 30-025-41625
Lea County, NM
Surface Water Map
NDHR1914958657

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

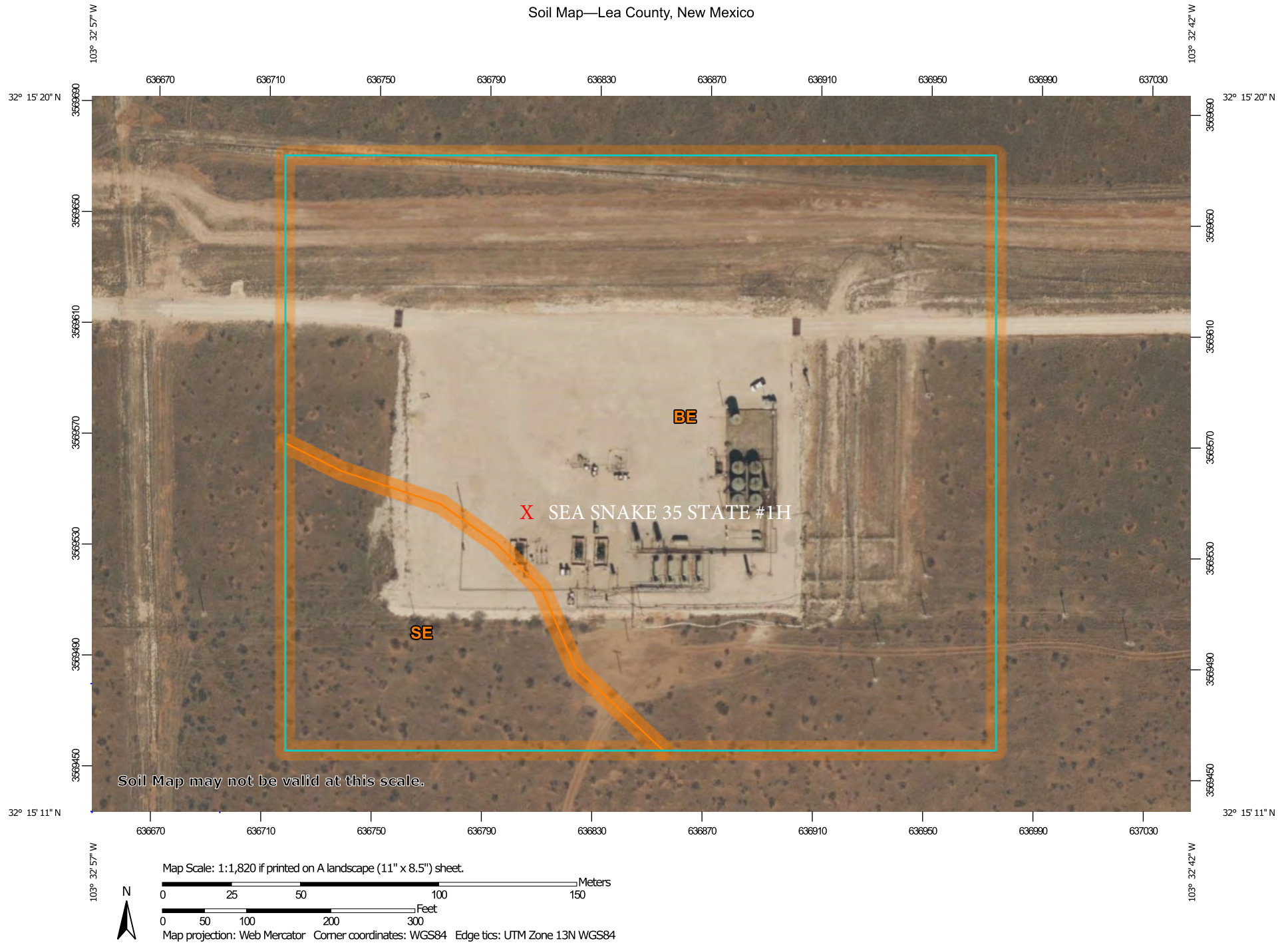
Hydric soil rating: No

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


8/2/2024
Page 1 of 3

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	11.4	83.1%
SE	Simona fine sandy loam, 0 to 3 percent slopes	2.3	16.9%
Totals for Area of Interest		13.7	100.0%

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.

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

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)
/ New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

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

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

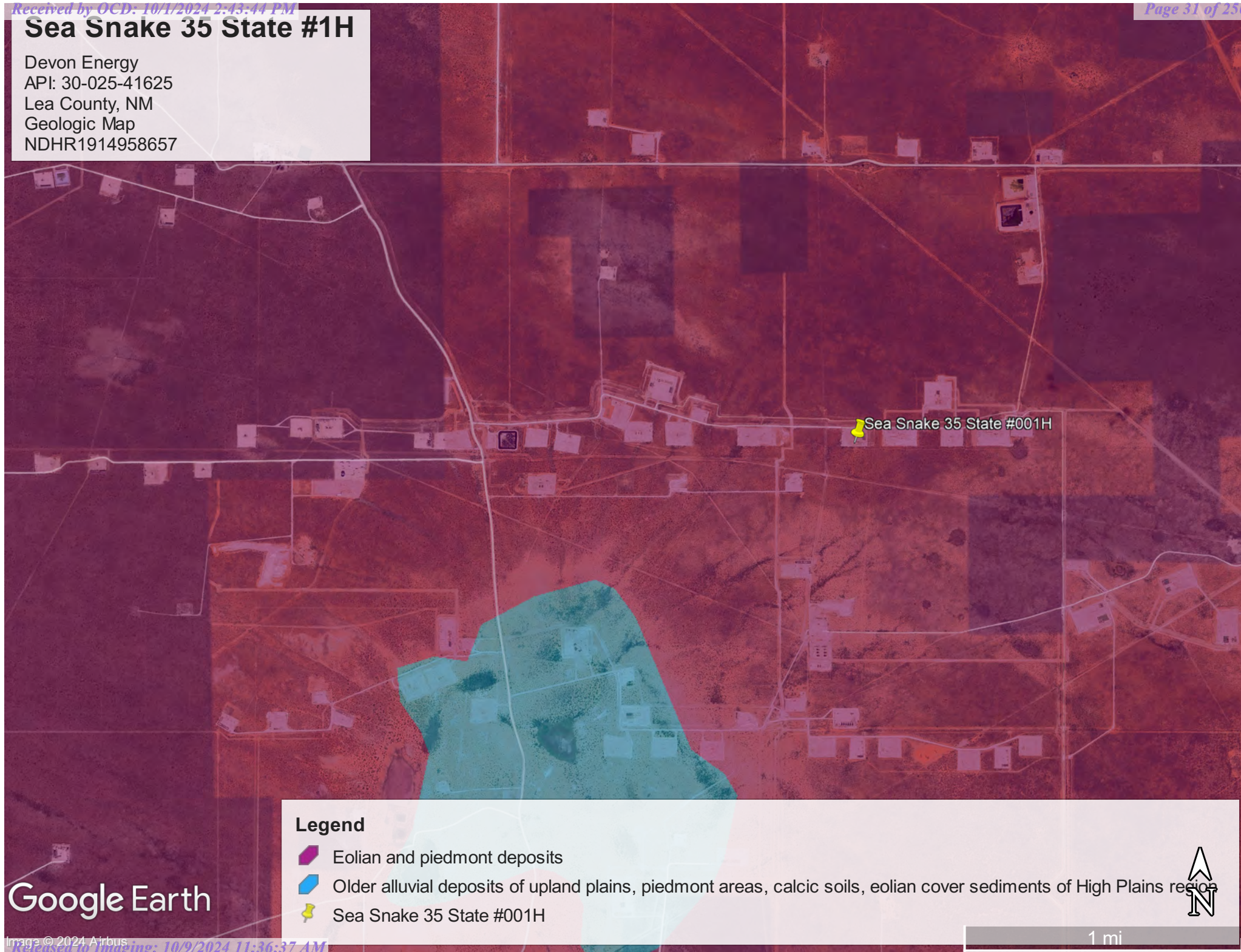
State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
NGMDB product	NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
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)

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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/>) |

Sea Snake 35 State #1H

Devon Energy
API: 30-025-41625
Lea County, NM
Geologic Map
NDHR1914958657



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



1 mi

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		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

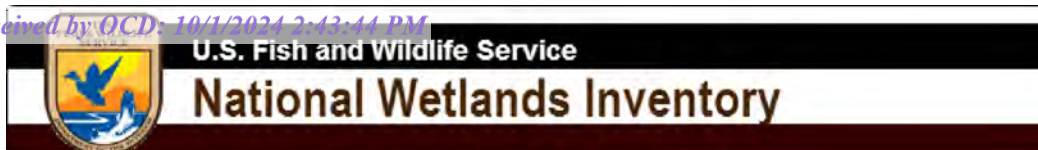


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

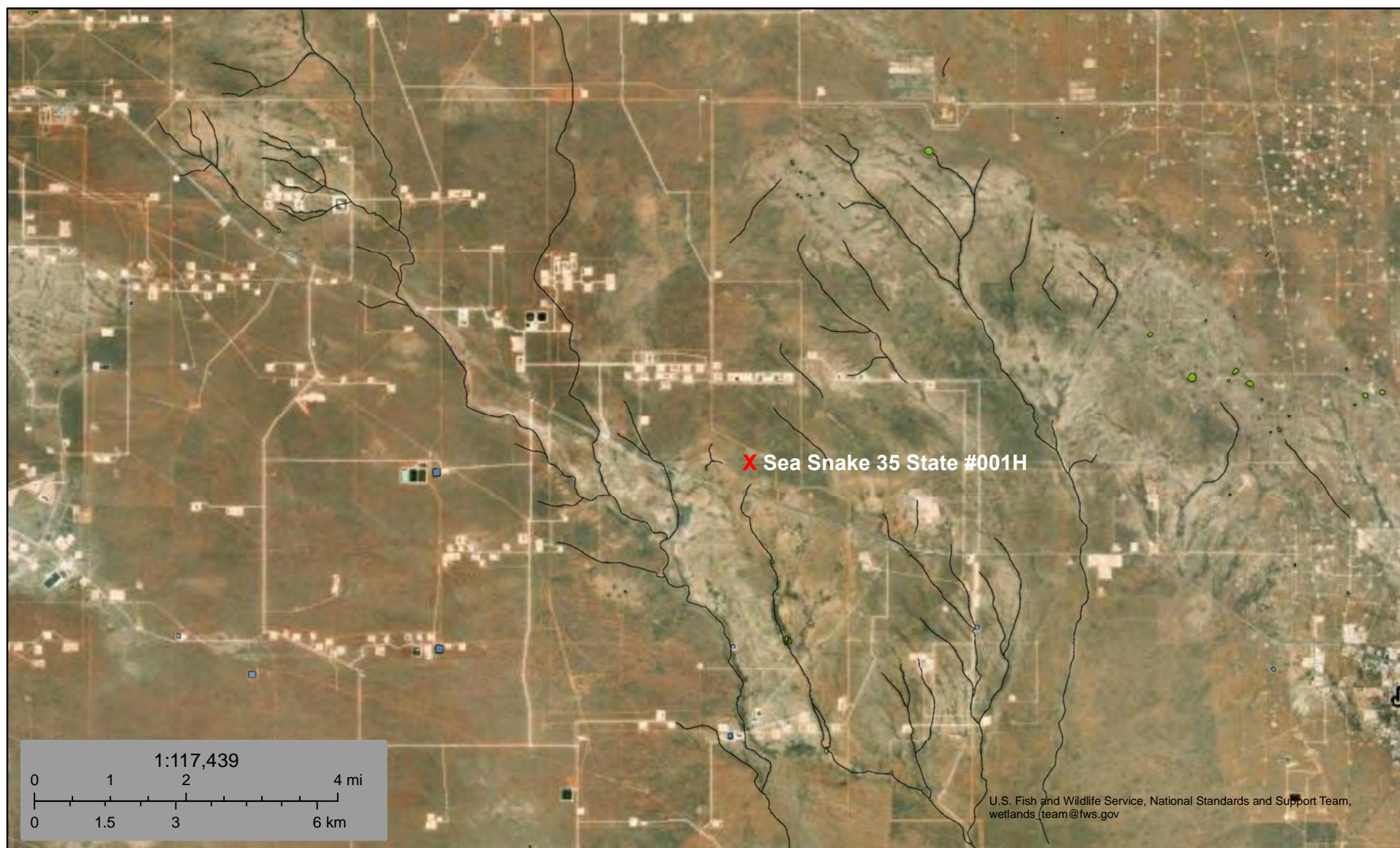
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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
- NMOCD Correspondence

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: 366441

Dale Woodall
Environmental Professional
Hobbs, NM
Office: 575-748-1838
Mobile: 405-318-4697
Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, July 23, 2024 11:30:31 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 366441

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#) nDHR1914958657.

The sampling event is expected to take place:

When: 07/26/2024 @ 08:00
Where: M-35-23S-33E 0 FNL 0 FEL (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

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9/4/24, 11:09 AM

Pima Oil Mail - FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 373990



Gio PimaOil <gio@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 373990

1 message

Woodall, Dale <Dale.Woodall@dvn.com>

Fri, Aug 16, 2024 at 2:12 PM

To: Delrae Pima Oil <delrae@pimaoil.com>, Gio PimaOil <gio@pimaoil.com>, Tom Pima Oil <tom@pimaoil.com>

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Friday, August 16, 2024 1:11 PM**To:** Woodall, Dale <Dale.Woodall@dvn.com>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 373990

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

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nDHR1914958657, for the following reasons:

- Pursuant to 19.15.29.12 D.(1)(c) NMAC, without division approval, the responsible party may elect to perform a composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet. OCD has calculated the square footages of the base samples based on the information provided on the scaled site map and has determined that the base samples are representative of more than 200 square feet.
- Clarify why CS3 is located on the map in 2 separate locations.
- For the question "What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A wetland", the answer "Greater than 5 (mi.)" was selected. An emergent wetland is located within 1000 ft and ½ mile of the release.
- For the question "Did the release impact areas not on an exploration, development, production, or storage site", the answer "No" was selected. The location of the remediation excavation depicted on the maps show that the release did impact areas not on an exploration, development, production, or storage site.
- The square footages in the remediation plan and remediation closure request sections of the C-141 will need to be updated to reflect the correct square footages on the maps.
- Submit a complete report through the OCD Permitting website by 9/16/2024.

9/4/24, 11:09 AM Pima Oil Mail - FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 373990

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 373990.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Brittany Hall
Projects Environmental Specialist - A
505-517-5333
Brittany.Hall@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
[1220 South St. Francis Drive](#)
Santa Fe, NM 87505

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Appendix D

○ Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Snake 35 State #001H

Assessment:



Photo of release, taken during assessment.



Photo of release, taken during assessment.



Photo of release, taken during assessment.



Photo of release, taken during assessment.



Photo of release, taken during assessment.



Photo of release, taken during assessment.



Photo of release, taken during assessment.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Snake 35 State #001H

Pre-Excavation:



Photo taken prior to excavation, taken facing Southeast.



Photo taken prior to excavation, taken facing Northwest.



Photo taken prior to excavation, taken facing Southwest.



Photo taken prior to excavation, taken facing Southwest.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Snake 35 State #001H

Excavation:



Photo taken during excavation, taken facing East.



Photo taken during excavation, taken facing Northwest.



Photo taken during excavation, taken facing Northeast.



Photo taken during excavation, taken facing Northeast.



Photo taken during excavation, taken facing Northwest.



Photo taken during excavation, taken facing Southwest.



Photo taken during excavation, taken facing Northwest.



Photo taken during excavation, taken facing Southeast.



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Snake 35 State #001H

Post Excavation:



Photo taken pursuant to excavation, taken facing Southeast.



Photo taken pursuant to excavation, taken facing Northeast.



Photo taken pursuant to excavation, taken facing Northwest.



Photo taken pursuant to excavation, taken facing Northeast.



Photo taken pursuant to excavation, taken facing Northwest.



Photo taken pursuant to excavation, taken facing West.



Photo taken pursuant to excavation, taken facing South.



Photo taken pursuant to excavation, taken facing Northwest.



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 st 1H

Work Order: E404103

Job Number: 01058-0007

Received: 4/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/18/24

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: 4/18/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Snake 35 st 1H
Workorder: E404103
Date Received: 4/12/2024 7:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/12/2024 7:15:00AM, under the Project Name: Sea Snake 35 st 1H.

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 04/18/24 13:36
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'	E404103-01A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S1 -2'	E404103-02A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S1 -3'	E404103-03A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S1 -4'	E404103-04A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S1 -5'	E404103-05A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S2 -1'	E404103-06A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S2 -2'	E404103-07A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S2 -3'	E404103-08A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S2 -4'	E404103-09A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S2 -5'	E404103-10A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S3 -1'	E404103-11A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S3 -2'	E404103-12A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S3 -3'	E404103-13A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S3 -4'	E404103-14A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S3 -5'	E404103-15A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S4 -1'	E404103-16A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S4 -2'	E404103-17A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S4 -3'	E404103-18A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S4 -4'	E404103-19A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S4 -5'	E404103-20A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S1 -1'

E404103-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		97.9 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S1 -2'

E404103-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		87.8 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -3'

E404103-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	27.4	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		97.1 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	24.1	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -4'

E404103-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	28.7	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		99.4 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	20.5	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -5'

E404103-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		96.6 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -1'

E404103-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		100 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -2'

E404103-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		90.6 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S2 -3'

E404103-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		106 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		106 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	27.7	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		105 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	20.4	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S2 -4'

E404103-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	27.4	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		90.9 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	23.3	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -5'

E404103-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		92.9 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -1'

E404103-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		73.6 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -2'

E404103-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		102 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S3 -3'

E404103-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	29.7	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		109 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	23.2	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S3 -4'

E404103-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	26.9	25.0	1	04/16/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/17/24	
Surrogate: n-Nonane		97.3 %	50-200	04/16/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	21.8	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S3 -5'

E404103-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/15/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	04/12/24	04/15/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		88.8 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S4 -1'

E404103-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		96.1 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S4 -2'

E404103-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		80.0 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -3'

E404103-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		99.6 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	21.9	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:36:15PM

S4 -4'

E404103-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	105 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	105 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	105 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	105 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	26.7	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	109 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	20.1	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -5'

E404103-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416065
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		108 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416060
Chloride	ND	20.0	1	04/16/24	04/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415081-BLK1) Prepared: 04/12/24 Analyzed: 04/15/24

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	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2415081-BS1) Prepared: 04/12/24 Analyzed: 04/15/24

Benzene	2.19	0.0250	2.50		87.5	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.2	70-130			
Toluene	2.36	0.0250	2.50		94.4	70-130			
o-Xylene	2.39	0.0250	2.50		95.6	70-130			
p,m-Xylene	4.77	0.0500	5.00		95.5	70-130			
Total Xylenes	7.16	0.0250	7.50		95.5	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike (2415081-MS1) Source: E404103-04 Prepared: 04/12/24 Analyzed: 04/15/24

Benzene	2.05	0.0250	2.50	ND	82.0	48-131			
Ethylbenzene	2.17	0.0250	2.50	ND	86.9	45-135			
Toluene	2.18	0.0250	2.50	ND	87.2	48-130			
o-Xylene	2.21	0.0250	2.50	ND	88.5	43-135			
p,m-Xylene	4.40	0.0500	5.00	ND	88.0	43-135			
Total Xylenes	6.61	0.0250	7.50	ND	88.2	43-135			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2415081-MSD1) Source: E404103-04 Prepared: 04/12/24 Analyzed: 04/15/24

Benzene	2.17	0.0250	2.50	ND	87.0	48-131	5.87	23	
Ethylbenzene	2.32	0.0250	2.50	ND	92.9	45-135	6.74	27	
Toluene	2.33	0.0250	2.50	ND	93.3	48-130	6.83	24	
o-Xylene	2.36	0.0250	2.50	ND	94.6	43-135	6.62	27	
p,m-Xylene	4.67	0.0500	5.00	ND	93.4	43-135	5.96	27	
Total Xylenes	7.04	0.0250	7.50	ND	93.8	43-135	6.18	27	
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
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
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Blank (2415081-BLK1) Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2415081-BS2) Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike (2415081-MS2) Source: E404103-04 Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.6	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

Matrix Spike Dup (2415081-MSD2) Source: E404103-04 Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	0.732	20	
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:36:15PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2416065-BLK1)					Prepared: 04/16/24 Analyzed: 04/17/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	50-200			

LCS (2416065-BS1)					Prepared: 04/16/24 Analyzed: 04/17/24				
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			

Matrix Spike (2416065-MS1)					Source: E404103-03		Prepared: 04/16/24 Analyzed: 04/17/24		
Diesel Range Organics (C10-C28)	324	25.0	250	27.4	119	38-132			
Surrogate: n-Nonane	55.3		50.0		111	50-200			

Matrix Spike Dup (2416065-MSD1)					Source: E404103-03		Prepared: 04/16/24 Analyzed: 04/17/24		
Diesel Range Organics (C10-C28)	312	25.0	250	27.4	114	38-132	3.60	20	
Surrogate: n-Nonane	57.1		50.0		114	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/18/2024 1:36:15PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2416060-BLK1)					Prepared: 04/16/24 Analyzed: 04/17/24				
Chloride	ND	20.0							
LCS (2416060-BS1)					Prepared: 04/16/24 Analyzed: 04/17/24				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2416060-MS1)					Source: E404103-03		Prepared: 04/16/24 Analyzed: 04/17/24		
Chloride	274	20.0	250	24.1	100	80-120			
Matrix Spike Dup (2416060-MSD1)					Source: E404103-03		Prepared: 04/16/24 Analyzed: 04/17/24		
Chloride	274	20.0	250	24.1	99.9	80-120	0.144	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 st 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/18/24 13:36

- 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 11

Client: Pima Environmental Services
Project: Sea Snake 35 St 1H
Project Manager: Glo Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: glo@pimaoil.com
Report due by:

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Analysis and Method										TAT			EPA Program		Remarks	
						DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	TX	1D	2D	3D	Standard	CWA		SDWA
8:07	4/10	S		S1-1'	1										X							
8:13				S1-2'	2																	
8:20				S1-3'	3																	
8:25				S1-4'	4																	
8:31				S1-5'	5																	
8:39				S2-1'	6																	
8:43				S2-2'	7																	
8:49				S2-3'	8																	
8:56				S2-4'	9																	
9:00				S2-5'	10																	

Additional Instructions:

B# 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)	Date	Time	Received by: (Signature)	Date	Time
Karime Adams	4/11/24	2:07	Michelle Gonzales	4-11-24	1407
Michelle Gonzales	4-11-24	1640	A.M.	4-11-24	1745
A.M.	4-11-24	2400	AS	4/12/24	0715

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: (V) 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 11

Client: Pima Environmental Services Project: <u>Sea Snake 35 St 1 H</u> Project Manager: <u>Glo Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>glo@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>261-3</u>					Lab Use Only Lab Number: <u>01058-0007</u> Analysis and Method <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DRO/DRO by 8015</td> <td>GRO/DRO by 8015</td> <td>BTEX by 8021</td> <td>VOC by 8250</td> <td>Metals 6010</td> <td>Chloride 300.0</td> <td></td> <td>BGDOC NM</td> <td>BGDOC TX</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> </tr> </table>					DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX								X		TAT <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Standard</td> </tr> <tr> <td></td> <td></td> <td></td> <td>X</td> </tr> </table>					1D	2D	3D	Standard				X	EPA Program <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>CWA</td> <td>SDWA</td> </tr> <tr> <td></td> <td></td> </tr> </table> RCRA <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="5">State</td> </tr> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>AZ</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					CWA	SDWA			State					NM	CO	UT	AZ	TX	X										
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																																																																						
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Relinquished by: (Signature) <u>Karime Hame</u> Date <u>4/11/24</u> Time <u>2:07</u>					Received by: (Signature) <u>Michelle Gonzales</u> Date <u>4-11-24</u> Time <u>1407</u>																																																																						
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>4-11-24</u> Time <u>1640</u>					Received by: (Signature) <u>A.M.</u> Date <u>4.11.24</u> Time <u>1745</u>																																																																						
Relinquished by: (Signature) <u>A.M.</u> Date <u>4.11.24</u> Time <u>2400</u>					Received by: (Signature) <u>[Signature]</u> Date <u>4/12/24</u> Time <u>0715</u>																																																																						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																																																																											
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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: 4/12/2024 3:10:08PM

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:	04/12/24 07:15	Work Order ID:	E404103
Phone:	(575) 631-6977	Date Logged In:	04/12/24 07:39	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	04/18/24 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? 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: CourierSample 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 InstructionComments/Resolution

No. of containers and sampled by not documented on COC by client. Project Sea Snake 35 St 1H has been separated into multiple workorders due to high sample volume. WO are as follows: E404103, 404104, 404105, 404106

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 st 1H

Work Order: E404104

Job Number: 01058-0007

Received: 4/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/18/24

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: 4/18/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Snake 35 st 1H
Workorder: E404104
Date Received: 4/12/2024 7:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/12/2024 7:15:00AM, under the Project Name: Sea Snake 35 st 1H.

The analytical test results summarized in this report with the Project Name: Sea Snake 35 st 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,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 04/18/24 13:40
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
S5 -1'	E404104-01A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S5 -2'	E404104-02A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S5 -3'	E404104-03A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S5 -4'	E404104-04A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S5 -5'	E404104-05A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S6 -1'	E404104-06A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S6 -2'	E404104-07A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S6 -3'	E404104-08A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S6 -4'	E404104-09A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S6 -5'	E404104-10A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S7 -1'	E404104-11A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S7 -2'	E404104-12A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S7 -3'	E404104-13A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S7 -4'	E404104-14A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S7 -5'	E404104-15A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S8 -1'	E404104-16A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S8 -2'	E404104-17A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S8 -3'	E404104-18A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S8 -4'	E404104-19A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S8 -5'	E404104-20A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S5 -1'

E404104-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		123 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S5 -2'

E404104-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	106 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	106 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	122 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/18/2024 1:40:18PM
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S5 -3'

E404104-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		96.4 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		96.4 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		126 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	22.8	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S5 -4'

E404104-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		128 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	22.8	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S5 -5'

E404104-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	88.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	102 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	88.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	102 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	127 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S6 -1'

E404104-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	80.4 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	102 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	80.4 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	102 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	74.2	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	105	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	124 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/18/2024 1:40:18PM
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S6 -2'

E404104-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		121 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		121 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	91.5	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	136	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		126 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -3'

E404104-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		129 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	20.5	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -4'

E404104-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		115 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		115 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		127 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -5'

E404104-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.0 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	103 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.0 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	103 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	125 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S7 -1'

E404104-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	91.0 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	103 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	91.0 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	103 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	83.1	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	118	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	125 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/18/2024 1:40:18PM
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S7 -2'

E404104-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		97.8 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		97.8 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	64.4	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	87.8	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		122 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -3'

E404104-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.6 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.6 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	28.0	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		132 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	21.2	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -4'

E404104-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		96.7 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		96.7 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		131 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -5'

E404104-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		97.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		97.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		113 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S8 -1'

E404104-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		98.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	118	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	141	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		111 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S8 -2'

E404104-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		96.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		96.5 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	54.5	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	77.4	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		112 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S8 -3'

E404104-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		97.9 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		97.9 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	30.3	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		115 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	22.8	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 1:40:18PM

S8 -4'

E404104-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415082
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2416066
Diesel Range Organics (C10-C28)	27.2	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane		114 %	50-200	04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416061
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -5'

E404104-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2415082	
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.6 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2415082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.6 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2416066	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	113 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2416061	
Chloride	ND	20.0	1	04/16/24	04/18/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415082-BLK1) Prepared: 04/12/24 Analyzed: 04/16/24

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	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

LCS (2415082-BS1) Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.22	0.0250	2.50		88.7	70-130			
Ethylbenzene	2.16	0.0250	2.50		86.2	70-130			
Toluene	2.07	0.0250	2.50		82.6	70-130			
o-Xylene	2.19	0.0250	2.50		87.6	70-130			
p,m-Xylene	4.33	0.0500	5.00		86.5	70-130			
Total Xylenes	6.52	0.0250	7.50		86.9	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2415082-MS1) Source: E404104-04 Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.07	0.0250	2.50	ND	83.0	48-131			
Ethylbenzene	1.99	0.0250	2.50	ND	79.4	45-135			
Toluene	1.90	0.0250	2.50	ND	76.1	48-130			
o-Xylene	1.97	0.0250	2.50	ND	78.8	43-135			
p,m-Xylene	3.91	0.0500	5.00	ND	78.3	43-135			
Total Xylenes	5.88	0.0250	7.50	ND	78.4	43-135			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			

Matrix Spike Dup (2415082-MSD1) Source: E404104-04 Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.14	0.0250	2.50	ND	85.7	48-131	3.30	23	
Ethylbenzene	2.03	0.0250	2.50	ND	81.2	45-135	2.24	27	
Toluene	1.95	0.0250	2.50	ND	77.9	48-130	2.39	24	
o-Xylene	2.17	0.0250	2.50	ND	86.7	43-135	9.60	27	
p,m-Xylene	4.28	0.0500	5.00	ND	85.7	43-135	9.05	27	
Total Xylenes	6.45	0.0250	7.50	ND	86.0	43-135	9.24	27	
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
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
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Blank (2415082-BLK1) Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

LCS (2415082-BS2) Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.3	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			

Matrix Spike (2415082-MS2) Source: E404104-04 Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	57.7	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.579		0.500		116	70-130			

Matrix Spike Dup (2415082-MSD2) Source: E404104-04 Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	60.6	20.0	50.0	ND	121	70-130	4.95	20	
Surrogate: Bromofluorobenzene	0.581		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 1:40:18PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2416066-BLK1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.1		50.0		122	50-200			

LCS (2416066-BS1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Diesel Range Organics (C10-C28)	306	25.0	250		122	38-132			
Surrogate: n-Nonane	61.3		50.0		123	50-200			

Matrix Spike (2416066-MS1)					Source: E404104-05		Prepared: 04/16/24 Analyzed: 04/18/24		
Diesel Range Organics (C10-C28)	318	25.0	250	ND	127	38-132			
Surrogate: n-Nonane	61.5		50.0		123	50-200			

Matrix Spike Dup (2416066-MSD1)					Source: E404104-05		Prepared: 04/16/24 Analyzed: 04/18/24		
Diesel Range Organics (C10-C28)	311	25.0	250	ND	124	38-132	2.18	20	
Surrogate: n-Nonane	61.4		50.0		123	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/18/2024 1:40:18PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2416061-BLK1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Chloride	ND	20.0							
LCS (2416061-BS1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2416061-MS1)					Source: E404104-04		Prepared: 04/16/24 Analyzed: 04/18/24		
Chloride	273	20.0	250	22.8	100	80-120			
Matrix Spike Dup (2416061-MSD1)					Source: E404104-04		Prepared: 04/16/24 Analyzed: 04/18/24		
Chloride	273	20.0	250	22.8	100	80-120	0.220	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 st 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/18/24 13:40

- 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 3 of 11

Client: Pima Environmental Services
 Project: Sea Snake 35 St 4H
 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 # 261-3

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Analysis and Method										TAT			EPA Program		Remarks
						DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	1D	2D	3D	Standard	CWA	SDWA		
10:25	4/10	S		S5-1'	1																
10:31				S5-2'	2																
10:39				S5-3'	2																
10:46				S5-4'																	
10:51				S5-5'																	
10:58				S6-1'																	
11:07				S6-2'																	
11:19				S6-3'																	
11:27				S6-4'																	
11:39				S6-5'																	

Additional Instructions:

B# 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
<u>Karine Adame</u>	<u>4/11/24</u>	<u>2:07</u>	<u>Michelle Gonzales</u>	<u>4-11-24</u>	<u>1407</u>
<u>Michelle Gonzales</u>	<u>4-11-24</u>	<u>1640</u>	<u>A.N.</u>	<u>4-11-24</u>	<u>1745</u>
<u>A.N.</u>	<u>4-11-24</u>	<u>2400</u>	<u>AQ</u>	<u>4/12/24</u>	<u>0715</u>

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Project Information

Chain of Custody

Page 4 of 11

Client: Pima Environmental Services Project: Sea Snake 36 St 2H Project Manager: Glo Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: glo@pimaoil.com Report due by:				Bill To: Devon Attention: Devon Address: City, State, Zip: Phone: Email: Plima Project # 261-3		Lab Use Only: Lab Work: 404104 Lab Number: 101058-0007		TAT 1D 2D 3D Standard X				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 BDOC NM BDOC TX				State NM CO UT AZ TX X			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks							
11:46	4/10	S		S7-1'		X							
11:53				S7-2'									
12:16				S7-3'									
12:25				S7-4'									
12:31				S7-5'									
12:39				S8-1'									
12:43				S8-2'									
12:55				S8-3'									
1:00				S8-4'									
1:08				S8-5'									
Additional Instructions: B# 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.						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	Lab Use Only Received on ice: (Y) / N					
Karime A.		4/11/24	2:07	Michelle Gonzales		4-11-24	1407						
Michelle Gonzales		4/11/24	1640	A.M.		4-11-24	1745	T1 T2 T3					
A.M.		4-11-24	2400	A.M.		4/12/24	0715	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: 4/12/2024 3:28:18PM

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:	04/12/24 07:15	Work Order ID:	E404104
Phone:	(575) 631-6977	Date Logged In:	04/12/24 07:51	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	04/18/24 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? 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: CourierSample 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 InstructionComments/Resolution

No. of containers and sampled by not documented on COC by client. Project Sea Snake 35 St 1H has been separated into multiple workorders due to high sample volume. WO are as follows: E404103, 404104, 404105, 404106

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 st 1H

Work Order: E404105

Job Number: 01058-0007

Received: 4/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/19/24

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: 4/19/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Snake 35 st 1H
Workorder: E404105
Date Received: 4/12/2024 7:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/12/2024 7:15:00AM, under the Project Name: Sea Snake 35 st 1H.

The analytical test results summarized in this report with the Project Name: Sea Snake 35 st 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,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/19/24 09:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S9 -1'	E404105-01A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S9 -2'	E404105-02A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S9 -3'	E404105-03A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S9 -4'	E404105-04A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S9 -5'	E404105-05A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S10 -1'	E404105-06A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S10 -2'	E404105-07A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S10 -3'	E404105-08A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S10 -4'	E404105-09A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S10 -5'	E404105-10A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S11 -1'	E404105-11A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S11 -2'	E404105-12A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S11 -3'	E404105-13A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S11 -4'	E404105-14A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S11 -5'	E404105-15A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S12 -1'	E404105-16A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S12 -2'	E404105-17A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S12 -3'	E404105-18A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S12 -4'	E404105-19A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S12 -5'	E404105-20A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S13 -1'	E404105-21A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S13 -2'	E404105-22A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S13 -3'	E404105-23A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S13 -4'	E404105-24A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S13 -5'	E404105-25A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S14 -1'	E404105-26A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S14 -2'	E404105-27A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S14 -3'	E404105-28A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S14 -4'	E404105-29A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S14 -5'	E404105-30A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S9 -1'

E404105-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.8 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	99.0 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.8 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	99.0 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	147	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	179	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	114 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 -2'

E404105-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	92.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	92.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	69.5	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	94.2	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	113 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 -3'

E404105-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	87.6 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	99.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	87.6 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	99.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	26.7	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	118 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	21.1	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 -4'

E404105-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	95.5 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.2 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	95.5 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.2 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	27.5	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	117 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	20.8	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 -5'

E404105-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	93.1 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 -1'
E404105-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	90.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	96.7 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	90.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	93.9 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	96.7 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	115	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	128	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	94.0 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 -2'
E404105-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.4 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	95.8 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.4 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	95.8 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	72.7	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	96.3	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	95.6 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S10 -3'

E404105-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	89.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	89.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	27.8	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	99.2 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	21.9	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 -4'
E404105-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	91.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	100 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	91.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	100 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	100 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	22.1	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 -5'
E404105-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.6 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	89.2 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.6 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	89.2 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	98.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	95.2 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S11 -1'

E404105-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	92.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	87.2 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	92.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	87.2 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	94.8 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S11 -2'

E404105-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	91.9 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	99.4 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	91.9 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	99.4 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	96.3 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/19/2024 9:58:41AM
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S11 -3'
E404105-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	97.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	97.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	29.2	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	100 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	20.7	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/19/2024 9:58:41AM
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S11 -4'
E404105-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	25.5	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	100 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	22.3	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/19/2024 9:58:41AM
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S11 -5'
E404105-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	95.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	104 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	95.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	104 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	94.2 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S12 -1'

E404105-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	88.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	88.3 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	96.7 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 -2'
E404105-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	92.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	88.2 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	92.3 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	88.2 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	94.2 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 -3'
E404105-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.4 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.4 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	101 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	25.3	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	97.0 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S12 -4'

E404105-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.7 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	97.7 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	93.7 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	97.7 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	101 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	20.9	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 -5'
E404105-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.8 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	96.5 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415083
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene	94.8 %	70-130		04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/12/24	04/16/24	
Surrogate: Toluene-d8	96.5 %	70-130		04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/16/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/16/24	04/18/24	
Surrogate: n-Nonane	95.6 %	50-200		04/16/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416063
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/19/2024 9:58:41AM
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S13 -1'
E404105-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/16/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/16/24	
Toluene	ND	0.0250	1	04/12/24	04/16/24	
o-Xylene	ND	0.0250	1	04/12/24	04/16/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/16/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/16/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/16/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/12/24	04/16/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		117 %	50-200	04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S13 -2'

E404105-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		110 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		102 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		119 %	50-200	04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/19/2024 9:58:41AM
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S13 -3'
E404105-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene	90.5 %	70-130		04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/17/24	
Surrogate: Toluene-d8	93.7 %	70-130		04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene	90.5 %	70-130		04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/12/24	04/17/24	
Surrogate: Toluene-d8	93.7 %	70-130		04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	32.9	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane	120 %	50-200		04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	21.2	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/19/2024 9:58:41AM
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S13 -4'
E404105-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		96.7 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		96.7 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	42.4	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		123 %	50-200	04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	23.9	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S13 -5'

E404105-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		116 %	50-200	04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S14 -1'

E404105-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		99.0 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		99.0 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		119 %	50-200	04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Sea Snake 35 st 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/19/2024 9:58:41AM
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S14 -2'
E404105-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		96.9 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		96.9 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		119 %	50-200	04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	ND	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S14 -3'

E404105-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		116 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		116 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	40.2	25.0	1	04/17/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/17/24	
Surrogate: n-Nonane		121 %	50-200	04/17/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	24.7	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14 -4'
E404105-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		101 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		102 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		101 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	47.5	25.0	1	04/17/24	04/18/24	
Oil Range Organics (C28-C36)	57.0	50.0	1	04/17/24	04/18/24	
Surrogate: n-Nonane		122 %	50-200	04/17/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2416057
Chloride	23.7	20.0	1	04/16/24	04/17/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/19/2024 9:58:41AM

S14 -5'

E404105-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		98.0 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415087
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		98.0 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2416070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/24	04/18/24	
Surrogate: n-Nonane		117 %	50-200	04/17/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416057
Chloride	ND	20.0	1	04/16/24	04/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415083-BLK1) Prepared: 04/12/24 Analyzed: 04/16/24

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	0.415		0.500		83.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

LCS (2415083-BS1) Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.04	0.0250	2.50		81.7	70-130			
Ethylbenzene	2.21	0.0250	2.50		88.5	70-130			
Toluene	2.36	0.0250	2.50		94.6	70-130			
o-Xylene	2.26	0.0250	2.50		90.3	70-130			
p,m-Xylene	4.66	0.0500	5.00		93.3	70-130			
Total Xylenes	6.92	0.0250	7.50		92.3	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike (2415083-MS1) Source: E404105-10 Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.19	0.0250	2.50	ND	87.7	48-131			
Ethylbenzene	2.27	0.0250	2.50	ND	90.6	45-135			
Toluene	2.48	0.0250	2.50	ND	99.2	48-130			
o-Xylene	2.10	0.0250	2.50	ND	84.2	43-135			
p,m-Xylene	4.33	0.0500	5.00	ND	86.6	43-135			
Total Xylenes	6.43	0.0250	7.50	ND	85.8	43-135			
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2415083-MSD1) Source: E404105-10 Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.30	0.0250	2.50	ND	91.9	48-131	4.72	23	
Ethylbenzene	2.25	0.0250	2.50	ND	90.0	45-135	0.686	27	
Toluene	2.44	0.0250	2.50	ND	97.7	48-130	1.48	24	
o-Xylene	2.21	0.0250	2.50	ND	88.4	43-135	4.94	27	
p,m-Xylene	4.40	0.0500	5.00	ND	87.9	43-135	1.51	27	
Total Xylenes	6.61	0.0250	7.50	ND	88.1	43-135	2.65	27	
Surrogate: Bromofluorobenzene	0.458		0.500		91.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415087-BLK1) Prepared: 04/12/24 Analyzed: 04/16/24

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	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

LCS (2415087-BS1) Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.61	0.0250	2.50		104	70-130			
Ethylbenzene	2.55	0.0250	2.50		102	70-130			
Toluene	2.69	0.0250	2.50		107	70-130			
o-Xylene	2.43	0.0250	2.50		97.3	70-130			
p,m-Xylene	4.91	0.0500	5.00		98.2	70-130			
Total Xylenes	7.34	0.0250	7.50		97.9	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			

Matrix Spike (2415087-MS1) Source: E404108-01 Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.38	0.0250	2.50	ND	95.4	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.3	45-135			
Toluene	2.36	0.0250	2.50	ND	94.3	48-130			
o-Xylene	2.40	0.0250	2.50	ND	96.0	43-135			
p,m-Xylene	4.79	0.0500	5.00	ND	95.8	43-135			
Total Xylenes	7.19	0.0250	7.50	ND	95.9	43-135			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike Dup (2415087-MSD1) Source: E404108-01 Prepared: 04/12/24 Analyzed: 04/16/24

Benzene	2.52	0.0250	2.50	ND	101	48-131	5.61	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.5	45-135	1.16	27	
Toluene	2.21	0.0250	2.50	ND	88.6	48-130	6.32	24	
o-Xylene	2.53	0.0250	2.50	ND	101	43-135	5.08	27	
p,m-Xylene	5.36	0.0500	5.00	ND	107	43-135	11.1	27	
Total Xylenes	7.88	0.0250	7.50	ND	105	43-135	9.13	27	
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.454		0.500		90.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
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
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Blank (2415083-BLK1) Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.415		0.500		83.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

LCS (2415083-BS2) Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.469		0.500		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

Matrix Spike (2415083-MS2) Source: E404105-10 Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.459		0.500		91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike Dup (2415083-MSD2) Source: E404105-10 Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	3.91	20	
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
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
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Blank (2415087-BLK1) Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

LCS (2415087-BS2) Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2415087-MS2) Source: E404108-01 Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

Matrix Spike Dup (2415087-MSD2) Source: E404108-01 Prepared: 04/12/24 Analyzed: 04/16/24

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	0.628	20	
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/19/2024 9:58:41AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2416067-BLK1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

LCS (2416067-BS1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Diesel Range Organics (C10-C28)	291	25.0	250		117	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			

Matrix Spike (2416067-MS1)					Source: E404105-03		Prepared: 04/16/24 Analyzed: 04/18/24		
Diesel Range Organics (C10-C28)	318	25.0	250	26.7	117	38-132			
Surrogate: n-Nonane	58.0		50.0		116	50-200			

Matrix Spike Dup (2416067-MSD1)					Source: E404105-03		Prepared: 04/16/24 Analyzed: 04/18/24		
Diesel Range Organics (C10-C28)	318	25.0	250	26.7	117	38-132	0.101	20	
Surrogate: n-Nonane	58.9		50.0		118	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/19/2024 9:58:41AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2416070-BLK1)					Prepared: 04/17/24 Analyzed: 04/17/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.3		50.0		119	50-200			

LCS (2416070-BS1)					Prepared: 04/17/24 Analyzed: 04/17/24				
Diesel Range Organics (C10-C28)	322	25.0	250		129	38-132			
Surrogate: n-Nonane	58.6		50.0		117	50-200			

Matrix Spike (2416070-MS1)					Source: E404105-25		Prepared: 04/17/24 Analyzed: 04/17/24		
Diesel Range Organics (C10-C28)	325	25.0	250	ND	130	38-132			
Surrogate: n-Nonane	58.2		50.0		116	50-200			

Matrix Spike Dup (2416070-MSD1)					Source: E404105-25		Prepared: 04/17/24 Analyzed: 04/17/24		
Diesel Range Organics (C10-C28)	329	25.0	250	ND	132	38-132	1.14	20	
Surrogate: n-Nonane	59.3		50.0		119	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/19/2024 9:58:41AM

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 (2416057-BLK1)					Prepared: 04/16/24 Analyzed: 04/17/24				
Chloride	ND	20.0							
LCS (2416057-BS1)					Prepared: 04/16/24 Analyzed: 04/17/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2416057-MS1)					Source: E404105-23		Prepared: 04/16/24 Analyzed: 04/17/24		
Chloride	276	20.0	250	21.2	102	80-120			
Matrix Spike Dup (2416057-MSD1)					Source: E404105-23		Prepared: 04/16/24 Analyzed: 04/17/24		
Chloride	279	20.0	250	21.2	103	80-120	1.25	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/19/2024 9:58:41AM

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 (2416063-BLK1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Chloride	ND	20.0							
LCS (2416063-BS1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2416063-MS1)					Source: E404105-06		Prepared: 04/16/24 Analyzed: 04/18/24		
Chloride	278	20.0	250	ND	111	80-120			
Matrix Spike Dup (2416063-MSD1)					Source: E404105-06		Prepared: 04/16/24 Analyzed: 04/18/24		
Chloride	271	20.0	250	ND	109	80-120	2.57	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 st 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/19/24 09:58

- 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 5 of 11

Client: Pima Environmental Services
 Project: Sea Snake 35 St 2H
 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 # 261-3

Lab Use Only		TAT			EPA Program		
Lab Use Only	Lab Use Only	1D	2D	3D	Standard	CWA	SDWA
<u>409105</u>	<u>01058-007</u>				<u>X</u>		
Analysis and Method							RCRA
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State	
						NM	CO
						<u>X</u>	
						UT	AZ
						TX	
						Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
1:17	4/10	S		S9-1'	1
1:26				S9-2'	2
1:34				S9-3'	3
1:41				S9-4'	4
1:49				S9-5'	5
1:56				S10-1'	6
2:03				S10-2'	7
2:09				S10-3'	8
2:21				S10-4'	9
2:28				S10-5'	10

Additional Instructions:

B# 21127618

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling 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
<u>Karime Adame</u>	<u>4/11/24</u>	<u>2:07</u>	<u>Michelle Gonzales</u>	<u>4-11-24</u>	<u>1407</u>
<u>Michelle Gonzales</u>	<u>4-11-24</u>	<u>1640</u>	<u>A.M.</u>	<u>4.11.24</u>	<u>1745</u>
<u>A.M.</u>	<u>4.11.24</u>	<u>2400</u>	<u>A.M.</u>	<u>4/12/24</u>	<u>0715</u>

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**





Envirotech Analytical Laboratory

Printed: 4/12/2024 3:53:06PM

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:	04/12/24 07:15	Work Order ID:	E404105
Phone:	(575) 631-6977	Date Logged In:	04/12/24 08:03	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	04/18/24 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? 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: CourierSample 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 InstructionComments/Resolution

No. of containers and sampled by not documented on COC by client. Project Sea Snake 35 St 1H has been separated into multiple workorders due to high sample volume. WO are as follows: E404103, 404104, 404105, 404106

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 st 1H

Work Order: E404106

Job Number: 01058-0007

Received: 4/12/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/18/24

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: 4/18/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Snake 35 st 1H
Workorder: E404106
Date Received: 4/12/2024 7:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/12/2024 7:15:00AM, under the Project Name: Sea Snake 35 st 1H.

The analytical test results summarized in this report with the Project Name: Sea Snake 35 st 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/18/24 16:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S15 -1'	E404106-01A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S15 -2'	E404106-02A	Soil	04/10/24	04/12/24	Glass Jar, 2 oz.
S15 -3'	E404106-03A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S15 -4'	E404106-04A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S15 -5'	E404106-05A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S16 -1'	E404106-06A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S16 -2'	E404106-07A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S16 -3'	E404106-08A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S16 -4'	E404106-09A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S16 -5'	E404106-10A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S17 -1'	E404106-11A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S17 -2'	E404106-12A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S17 -3'	E404106-13A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S17 -4'	E404106-14A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S17 -5'	E404106-15A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S18 -1'	E404106-16A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S18 -2'	E404106-17A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S18 -3'	E404106-18A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S18 -4'	E404106-19A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
S18 -5'	E404106-20A	Soil	04/10/24	04/12/24	Glass Jar, 4 oz.
SW1	E404106-21A	Soil	04/11/24	04/12/24	Glass Jar, 4 oz.
SW2	E404106-22A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW3	E404106-23A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW4	E404106-24A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW5	E404106-25A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW6	E404106-26A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW7	E404106-27A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW8	E404106-28A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW9	E404106-29A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW10	E404106-30A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW11	E404106-31A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW12	E404106-32A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW13	E404106-33A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW14	E404106-34A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW15	E404106-35A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW16	E404106-36A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.
SW17	E404106-37A	Soil	04/11/24	04/12/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S15 -1'

E404106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		92.6 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S15 -2'

E404106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		94.5 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S15 -3'

E404106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	29.2	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		94.7 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	23.6	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S15 -4'

E404106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	33.6	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		93.9 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	23.3	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 -5'
E404106-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		92.8 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S16 -1'

E404106-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		92.6 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S16 -2'

E404106-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		94.2 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16 -3'
E404106-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	27.5	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		96.1 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	23.7	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16 -4'
E404106-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	28.8	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		98.0 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	25.7	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S16 -5'

E404106-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		109 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		92.1 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S17 -1'

E404106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		92.4 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S17 -2'
E404106-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/17/24	
Surrogate: n-Nonane		94.1 %	50-200	04/12/24	04/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S17 -3'

E404106-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		106 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		106 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	29.8	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		95.1 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	24.5	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S17 -4'

E404106-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	35.2	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		97.2 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	23.7	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S17 -5'

E404106-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		106 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		106 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		92.1 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S18 -1'

E404106-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		92.0 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S18 -2'

E404106-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		95.4 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S18 -3'
E404106-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		105 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	35.2	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		102 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	22.0	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

S18 -4'

E404106-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2415084
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		104 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415094
Diesel Range Organics (C10-C28)	67.1	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		97.9 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2416064
Chloride	43.2	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S18 -5'
E404106-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2415084	
Benzene	ND	0.0250	1	04/12/24	04/17/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/17/24	
Toluene	ND	0.0250	1	04/12/24	04/17/24	
o-Xylene	ND	0.0250	1	04/12/24	04/17/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/17/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2415084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/17/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/12/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	04/12/24	04/17/24	
Surrogate: Toluene-d8		103 %	70-130	04/12/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415094	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/18/24	
Surrogate: n-Nonane		93.7 %	50-200	04/12/24	04/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2416064	
Chloride	ND	20.0	1	04/16/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

SW1

E404106-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.6 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	34.0	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW2

E404106-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	96.6 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.0 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	27.8	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	109 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

SW3

E404106-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.4 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW4

E404106-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	95.3 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	85.6 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	111 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW5

E404106-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	96.2 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.4 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	111 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

SW6

E404106-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2415085
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2415085
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.1 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415093
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416078
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

SW7

E404106-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.3 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW8

E404106-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	97.8 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	85.8 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	108 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW9

E404106-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.1 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	115 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW10

E404106-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.3 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW11

E404106-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	97.2 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.1 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	85.7 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW12

E404106-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	85.8 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	32.9	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	107 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

SW13

E404106-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2415085
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2415085
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.6 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415093
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2416078
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW14

E404106-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	98.9 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	85.3 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	110 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW15

E404106-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	98.4 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.0 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	110 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Sea Snake 35 st 1H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/18/2024 4:12:36PM

SW16

E404106-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.9 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW17

E404106-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Benzene	ND	0.0250	1	04/12/24	04/15/24	
Ethylbenzene	ND	0.0250	1	04/12/24	04/15/24	
Toluene	ND	0.0250	1	04/12/24	04/15/24	
o-Xylene	ND	0.0250	1	04/12/24	04/15/24	
p,m-Xylene	ND	0.0500	1	04/12/24	04/15/24	
Total Xylenes	ND	0.0250	1	04/12/24	04/15/24	
Surrogate: 4-Bromochlorobenzene-PID	98.5 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/12/24	04/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	85.0 %	70-130		04/12/24	04/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415093	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/12/24	04/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/12/24	04/15/24	
Surrogate: n-Nonane	113 %	50-200		04/12/24	04/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2416078	
Chloride	ND	20.0	1	04/17/24	04/18/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415084-BLK1) Prepared: 04/12/24 Analyzed: 04/17/24

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	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2415084-BS1) Prepared: 04/12/24 Analyzed: 04/17/24

Benzene	2.37	0.0250	2.50		94.7	70-130			
Ethylbenzene	2.49	0.0250	2.50		99.6	70-130			
Toluene	2.50	0.0250	2.50		100	70-130			
o-Xylene	2.50	0.0250	2.50		100	70-130			
p,m-Xylene	4.93	0.0500	5.00		98.6	70-130			
Total Xylenes	7.43	0.0250	7.50		99.1	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

Matrix Spike (2415084-MS1) Source: E404106-11 Prepared: 04/12/24 Analyzed: 04/17/24

Benzene	2.35	0.0250	2.50	ND	94.1	48-131			
Ethylbenzene	2.48	0.0250	2.50	ND	99.3	45-135			
Toluene	2.50	0.0250	2.50	ND	100	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.01	0.0500	5.00	ND	100	43-135			
Total Xylenes	7.53	0.0250	7.50	ND	100	43-135			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike Dup (2415084-MSD1) Source: E404106-11 Prepared: 04/12/24 Analyzed: 04/17/24

Benzene	2.35	0.0250	2.50	ND	94.1	48-131	0.0425	23	
Ethylbenzene	2.44	0.0250	2.50	ND	97.5	45-135	1.81	27	
Toluene	2.45	0.0250	2.50	ND	97.9	48-130	2.16	24	
o-Xylene	2.54	0.0250	2.50	ND	102	43-135	0.750	27	
p,m-Xylene	5.01	0.0500	5.00	ND	100	43-135	0.00	27	
Total Xylenes	7.55	0.0250	7.50	ND	101	43-135	0.252	27	
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/18/2024 4:12:36PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415085-BLK1) Prepared: 04/12/24 Analyzed: 04/15/24

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: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			

LCS (2415085-BS1) Prepared: 04/12/24 Analyzed: 04/15/24

Benzene	4.96	0.0250	5.00		99.3	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.7	70-130			
Toluene	4.96	0.0250	5.00		99.2	70-130			
o-Xylene	4.91	0.0250	5.00		98.1	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike (2415085-MS1) Source: E404106-27 Prepared: 04/12/24 Analyzed: 04/15/24

Benzene	5.27	0.0250	5.00	ND	105	54-133			
Ethylbenzene	5.12	0.0250	5.00	ND	102	61-133			
Toluene	5.26	0.0250	5.00	ND	105	61-130			
o-Xylene	5.19	0.0250	5.00	ND	104	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.7	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.1	70-130			

Matrix Spike Dup (2415085-MSD1) Source: E404106-27 Prepared: 04/12/24 Analyzed: 04/15/24

Benzene	4.86	0.0250	5.00	ND	97.1	54-133	8.10	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	61-133	8.35	20	
Toluene	4.85	0.0250	5.00	ND	96.9	61-130	8.19	20	
o-Xylene	4.78	0.0250	5.00	ND	95.6	63-131	8.33	20	
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	63-131	8.32	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.1	63-131	8.32	20	
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
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
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Blank (2415084-BLK1) Prepared: 04/12/24 Analyzed: 04/17/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2415084-BS2) Prepared: 04/12/24 Analyzed: 04/17/24

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike (2415084-MS2) Source: E404106-11 Prepared: 04/12/24 Analyzed: 04/17/24

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike Dup (2415084-MSD2) Source: E404106-11 Prepared: 04/12/24 Analyzed: 04/17/24

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.5	70-130	1.77	20	
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/18/2024 4:12:36PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415085-BLK1) Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.83		8.00		85.4	70-130			

LCS (2415085-BS2) Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.2	70-130			

Matrix Spike (2415085-MS2) Source: E404106-27 Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	42.4	20.0	50.0	ND	84.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			

Matrix Spike Dup (2415085-MSD2) Source: E404106-27 Prepared: 04/12/24 Analyzed: 04/15/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.5	70-130	1.85	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/18/2024 4:12:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415093-BLK1)					Prepared: 04/12/24 Analyzed: 04/15/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS (2415093-BS1)					Prepared: 04/12/24 Analyzed: 04/15/24				
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			

Matrix Spike (2415093-MS1)					Source: E404106-31		Prepared: 04/12/24 Analyzed: 04/15/24		
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			

Matrix Spike Dup (2415093-MSD1)					Source: E404106-31		Prepared: 04/12/24 Analyzed: 04/15/24		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	3.52	20	
Surrogate: n-Nonane	53.1		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported: 4/18/2024 4:12:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415094-BLK1)					Prepared: 04/12/24 Analyzed: 04/17/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.0		50.0		90.0	50-200			

LCS (2415094-BS1)					Prepared: 04/12/24 Analyzed: 04/17/24				
Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			

Matrix Spike (2415094-MS1)					Source: E404106-08		Prepared: 04/12/24 Analyzed: 04/17/24		
Diesel Range Organics (C10-C28)	266	25.0	250	27.5	95.4	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			

Matrix Spike Dup (2415094-MSD1)					Source: E404106-08		Prepared: 04/12/24 Analyzed: 04/17/24		
Diesel Range Organics (C10-C28)	264	25.0	250	27.5	94.4	38-132	0.947	20	
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/18/2024 4:12:36PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2416064-BLK1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Chloride	ND	20.0							
LCS (2416064-BS1)					Prepared: 04/16/24 Analyzed: 04/18/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2416064-MS1)					Source: E404106-03		Prepared: 04/16/24 Analyzed: 04/18/24		
Chloride	276	20.0	250	23.6	101	80-120			
Matrix Spike Dup (2416064-MSD1)					Source: E404106-03		Prepared: 04/16/24 Analyzed: 04/18/24		
Chloride	276	20.0	250	23.6	101	80-120	0.0427	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 st 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/18/2024 4:12:36PM

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 (2416078-BLK1)					Prepared: 04/17/24 Analyzed: 04/18/24				
Chloride	ND	20.0							
LCS (2416078-BS1)					Prepared: 04/17/24 Analyzed: 04/18/24				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2416078-MS1)					Source: E404106-24		Prepared: 04/17/24 Analyzed: 04/18/24		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2416078-MSD1)					Source: E404106-24		Prepared: 04/17/24 Analyzed: 04/18/24		
Chloride	255	20.0	250	ND	102	80-120	0.460	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 st 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/18/24 16:12

- 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 8 of 11

Client: Pima Environmental Services Project: Sea Snake 35 St 4# 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
										E 404106		01058-007					X		
										Analysis and Method									
					DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	TL DOGB	State						
													NM	CO	UT	AZ	TX		
													Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
4:56	4/10	S		S15-1'	1							X							
5:00	1	1		S15-2'	2														
5:04	1			S15-3'	3														
5:11				S15-4'	4														
5:20				S15-5'	5														
5:26				S16-1'	6														
5:31				S16-2'	7														
5:38				S16-3'	8														
5:42				S16-4'	9														
5:49				S16-5'	10														
Additional Instructions: B# 2/127518																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	<div style="display: flex; justify-content: space-between;"> <div> Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N </div> <div> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> </div> </div>											
Karime Adame		4/11/24	2:07	Michelle Gonzales		4-11-24	1407												
Michelle Gonzales		4-11-24	1640	A.H.		4.11.24	1745												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
A.H.		4.11.24	2400	AE		4/12/24	0715												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Project Information

Chain of Custody

Page 9 of 11

Client: Pima Environmental Services Project: Sea Snake 35 St 4H 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 Lab Work: E 904106 Job Number: 01058-0007					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA	
										Analysis and Method					RCRA		State NM CO UT AZ TX			
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	TX	BGDOC	Remarks					
5:52	4/11/24	S		S17-1'	11							X								
5:58				S17-2'	12															
6:00				S17-3'	13															
6:06				S17-4'	14															
6:16				S17-5'	15															
6:19				S18-1'	16															
6:22				S18-2'	17															
6:30				S18-3'	18															
6:34				S18-4'	19															
6:39				S18-5'	20															
Additional Instructions: B# 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.												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 5 °C on subsequent days.								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Karime A.		4/11/24	2:07	Michelle Gonzales		4-11-24	1407													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Michelle Gonzales		4-11-24	1640	J.H.		4.11.24	1745													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
J.H.		4.11.24	2400	J.H.		4/12/24	0715													
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 10 of 11

Client: Pima Environmental Services Project: Sea Snake 35 St 2H Project Manager: Glo Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: glo@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 261-3					Lab Use Only Lab WO# E 409106 Job Number 01058-207					TAT 1D 2D 3D Standard X				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 X				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
8:06	4/11	S		SW1	21															
8:19				SW2	22															
8:25				SW3	23															
8:38				SW4	24															
8:46				SW5	25															
8:51				SW6	26															
9:06				SW7	27															
9:11				SW8	28															
9:22				SW9	29															
9:28				SW10	30															
Additional Instructions: B# 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.										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) Karine Adame Date 4/11/24 Time 2:07										Received by: (Signature) Michelle Gonzales Date 4-11-24 Time 1407										
Relinquished by: (Signature) Michelle Gonzales Date 4-11-24 Time 1640										Received by: (Signature) J. M. Date 4-11-24 Time 1745										
Relinquished by: (Signature) J. M. Date 4-11-24 Time 2400										Received by: (Signature) J. M. Date 4/12/24 Time 0715										
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 11 of 11

Client: Pima Environmental Services Project: Sea Snake 35 St 4 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 # 261-3					Lab Use Only Lab Work: E-005AP Job Number: 0058-0007 Analysis and Method: 404106					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA			
										State NM CO UT AZ TX X												
										Remarks												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX									
9:33	4/11	S		SW11	31							X										
9:41				SW12	32																	
9:56				SW13	33																	
9:59				SW14	34																	
10:11				SW15	35																	
10:20				SW16	36																	
10:28				SW17	37																	
Additional Instructions: B#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.											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) Karime Adame Date 4/11/24 Time 2:07 Relinquished by: (Signature) Michelle Gonzales Date 4-11-24 Time 1640 Relinquished by: (Signature) J.M. Date 4.11.24 Time 2400											Received by: (Signature) Michelle Gonzales Date 4-11-24 Time 1407 Received by: (Signature) J.M. Date 4-11-24 Time 1745 Received by: (Signature) J.M. Date 04/12/24 Time 0715						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: 4/12/2024 4:12:55PM

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:	04/12/24 07:15	Work Order ID:	E404106
Phone:	(575) 631-6977	Date Logged In:	04/12/24 08:17	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	04/18/24 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? 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: CourierSample 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 InstructionComments/Resolution

No. of containers and sampled by not documented on COC by client. Project Sea Snake 35 St 1H has been separated into multiple workorders due to high sample volume. WO are as follows: E404103, 404104, 404105, 404106

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: E407231

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: E407231
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

Raina Schwanz
Laboratory Administrator
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State #001 Battery	Reported: 07/30/24 15:52
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	E407231-01A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS2-Bottom	E407231-02A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS3-Bottom	E407231-03A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS4-Bottom	E407231-04A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS5-Bottom	E407231-05A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS7-Bottom	E407231-06A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS8-Bottom	E407231-07A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW1	E407231-08A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW2	E407231-09A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW3	E407231-10A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW4	E407231-11A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW5	E407231-12A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW6	E407231-13A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW7	E407231-14A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CSW8	E407231-15A	Soil	07/26/24	07/30/24	Glass Jar, 2 oz.
CS6 - Bottom	E407231-16A	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 3:52:39PM

CS1-Bottom

E407231-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		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		93.8 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		99.8 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		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		93.8 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		99.8 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		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		116 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A		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	Project Name:	Sea Snake 35 State #001 Battery	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2-Bottom
E407231-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		104 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		117 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	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 3:52:39PM

CS3-Bottom

E407231-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		105 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		105 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		114 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	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	Project Name:	Sea Snake 35 State #001 Battery	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS4-Bottom
E407231-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		95.9 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		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		95.9 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		115 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	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	Project Name:	Sea Snake 35 State #001 Battery	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS5-Bottom
E407231-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		105 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		105 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		117 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	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	Project Name:	Sea Snake 35 State #001 Battery	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS7-Bottom
E407231-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		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	99.6 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	99.7 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2431035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	99.7 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	118 %	50-200		07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2431039	
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS8-Bottom
E407231-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		104 %	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		99.1 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		104 %	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		99.1 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		116 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431039
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW1

E407231-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		102 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		99.2 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		99.2 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		118 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431039
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW2

E407231-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		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	98.5 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	101 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		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	98.5 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	101 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	108 %	50-200		07/30/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2431039	
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW3

E407231-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		104 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		110 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		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 3:52:39PM

CSW4

E407231-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		101 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		98.8 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		98.8 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		107 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431039
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW5

E407231-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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	99.8 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	98.3 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	98.3 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	107 %	50-200		07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431039
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW6

E407231-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		103 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		99.8 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		103 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		99.8 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431039
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW7

E407231-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		102 %	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		97.3 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		102 %	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		97.3 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		110 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2431039
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW8

E407231-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		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	101 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	99.4 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2431035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene	101 %	70-130		07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		07/30/24	07/30/24	
Surrogate: Toluene-d8	99.4 %	70-130		07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2431039	
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	Reported: 7/30/2024 3:52:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS6 - Bottom
E407231-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		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		105 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/30/24	07/30/24	
Surrogate: Bromofluorobenzene		105 %	70-130	07/30/24	07/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	07/30/24	07/30/24	
Surrogate: Toluene-d8		101 %	70-130	07/30/24	07/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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		93.6 %	50-200	07/30/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		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 3:52:39PM

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 (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 3:52:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (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 3:52:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2431026-BLK1) Prepared: 07/29/24 Analyzed: 07/30/24

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

LCS (2431026-BS1) Prepared: 07/29/24 Analyzed: 07/30/24

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

LCS Dup (2431026-BSD1) Prepared: 07/29/24 Analyzed: 07/30/24

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



QC Summary Data

Pima Environmental Services-Carlsbad	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 3:52:39PM

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 15:52

- 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

Sea Snake 35 State #001 Battery

Client: Pima Environmental Services						Bill To		Lab Use Only							TAT				EPA Program					
Project:						Attention: Devon		Lab WO#			Job Number				1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Gio Gomez						Address:		E407231			01058-0007				X									
Address: 5614 N. Lovington Hwy.						City, State, Zip		Analysis and Method													RCRA			
City, State, Zip Hobbs, NM, 88240						Phone:																		
Phone: 806-782-1151						Email:													State					
Email: gio@pimaoil.com						Pima Project # 261-1		O by 8015	O by 8015	8021	8250	010	300.0			NM	TX		NM	CO	UT	AZ	TX	
Report due by:																		X						

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/OR	GRO/DRO	BTEX by	VOC by 8	Metals 6	Chloride			BGDOC	BGDOC		Remarks
8:30	7/26	S		CS1 - Bottom	1									X			
8:36				CS2 - Bottom	2												
8:43				CS3 - Bottom	3												
8:57				CS4 - Bottom	4												
9:17				CS5 - Bottom	5												
9:23				CS7 - Bottom	6												
9:36				CS8 - Bottom	7												
9:43				CSW1	8												
9:49				CSW2	9												
9:56				CSW3	10												

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:

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

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: <u>Pima Environmental Services</u>		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Sea Snake 35 State #001</u>		Attention: <u>Devon</u>		Lab WO# <u>E407231</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>		Address:		Analysis and Method									
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip										RCRA	
City, State, Zip <u>Hobbs, NM. 88240</u>		Phone:											
Phone: <u>806-782-1151</u>		Email:											
Email: <u>gio@pimaoil.com</u>		Pima Project # <u>261-1</u>											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:13	7/26	S		CSW4	11							X		
10:26				CSW5	12									
10:31				CSW6	13									
10:42				CSW7	14									
10:53				CSW8	15									
	7/26	S	1	CS6-Bottom	16							X		Added to COC per W. Adame

N.S
7/30/24

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

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Project Information

Chain of Custody

Page 1 of 2

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 # 261-1

Lab Use Only								TAT				EPA Program	
Lab WO#				Job Number				1D	2D	3D	Standard	CWA	SDWA
E407231				01058-0007				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
												UT	AZ
												TX	
Remarks													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
8:30	7/26	S		CS1 - Bottom	1
8:36				CS2 - Bottom	2
8:43				CS3 - Bottom	3
8:57				CS4 - Bottom	4
9:17				CS5 - Bottom	5
9:23				CS7 - Bottom	6
9:36				CS8 - Bottom	7
9:43				CSW1	8
9:49				CSW2	9
9:56				CSW3	10

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 Adams		7/29/24	2:00	Michelle Gonzales		7-29-24	1400
Michelle Gonzales		7-29-24	1700	J.H.		7-29-24	1700
J.H.		7-29-24	2145	Keyshia R. Heuer		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

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.



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.						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.			
Sampled by:									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only			
Kerime Adams	7/29/24	2:00	Michelle Gonzales	7-29-24	1400	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____			
Michelle Gonzales	7-29-24	1700	L.H.	7-29-24	1700				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C			
L.H.	7.29.24	2145	Kyle R Hall	7-30-24	0500	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: 7/30/2024 10:59:19AM

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 05:00	Work Order ID:	E407231
Phone:	(575) 631-6977	Date Logged In:	07/29/24 15:52	Logged In By:	Noe Soto
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: CourierComments/Resolution

Sampled by and No. of containers is missing in COC by client. Sample 16 was added to COC per K. Adame.

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 388895

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	388895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1914958657
Incident Name	NDHR1914958657 SEA SNAKE 35 STATE #001H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fDHR1914958529] SEA SNAKE 35 STATE #001H BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SEA SNAKE 35 STATE #001H BATTERY
Date Release Discovered	04/28/2019
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
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	Cause: Equipment Failure Flow Line - Injection Crude Oil Released: 15 BBL Recovered: 0 BBL Lost: 15 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 388895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	388895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

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

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: 10/01/2024
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QUESTIONS, Page 3

Action 388895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 388895
	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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (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	Yes

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)	43
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	19983
GRO+DRO (EPA SW-846 Method 8015M)	259
BTEX (EPA SW-846 Method 8021B or 8260B)	0
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)	07/25/2024
What is the estimated surface area (in square feet) that will be reclaimed	1200
What is the estimated volume (in cubic yards) that will be reclaimed	132
What is the estimated surface area (in square feet) that will be remediated	1200
What is the estimated volume (in cubic yards) that will be remediated	132

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

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

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QUESTIONS, Page 4

Action 388895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	388895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 10/01/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 388895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 388895
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 388895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	388895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	366441
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	20
What was the sampling surface area in square feet	1200

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	1200
What was the total volume (cubic yards) remediated	132
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	1200
What was the total volume (in cubic yards) reclaimed	132
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: 10/01/2024
--	--

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QUESTIONS, Page 7

Action 388895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 388895
	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

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CONDITIONS

Action 388895

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number: 388895
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure approved.	10/9/2024
bhall	This release is in an area not reasonably needed for production or subsequent drilling activities and must be reclaimed as soon as practicable. A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC.	10/9/2024
bhall	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	10/9/2024