



SITE ASSESSMENT AND REMEDIATION WORK PLAN

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

MARCH 10, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



March 10, 2025

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

RE: SITE ASSESSMENT AND REMEDIATION WORK PLAN

LOCATION: Seawolf 1-12 CTB 1

WELL API: N/A

GPS: 32.07917228, -103.52616097

INCIDENT LOCATION: C-01-T26S-R33E

COUNTY: Lea

NMOCD REF. NO. NAPP2102637490

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment and prepare this Remediation Work Plan for a produced water release that occurred at the Seawolf 1-12 CTB 1 (Seawolf). The initial C-141 was submitted on January 25, 2021 (Appendix C). This incident was assigned Incident ID NAPP2102637490, by the New Mexico Oil Conservation Division (NMOCD).

RELEASE INFORMATION

NAPP2102637490: On January 10, 2021, a pinhole leak in water piping off of the three-phase separator caused a produced water spill. The released fluids were calculated to be approximately 9 barrels of produced water. The C-141 Cause of Release states that all fluid remained on location but the C-141 also notes that the volume recovered was 5 barrels.

SITE CHARACTERIZATION

The Seawolf is located approximately twenty (20) miles west of Jal, NM. This spill site is in Unit C, Section 1, Township 26S, Range 33E, Latitude 32.07917228, Longitude -103.52616097, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Ogallala Formation and Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa. The soils in this area are made up of Simona-Upton association, 0 to 3 percent slopes and Pyote and Maljamar fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a medium potential for karst geology to be present around the Seawolf (Figure 3). A Topographic Map can be found in Figure 2.

According to the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this area is greater than 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 180 feet BGS. The groundwater information from C-04628-POD1, which is located approximately 1,026 feet to the north of this release area, establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by Atkins Engineering Associates, Inc. on June 9, 2022. The bore was left open for the required 72-hour timeframe then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on June 13, 2022. Closure criteria for the release at the Seawolf will be classified 51'-100' depth to groundwater section of Table 1 19.15.29.12 NMAC. The regulatory limits are as follows: Chlorides should be less than 10,000 mg/kg, TPH (GRO+DRO+MRO) should be less than 2,500 mg/kg,



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575-964-7740 | www.pimaoil.com

Seawolf 1-12 CTB 1 | NAPP2102637490

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BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg. The closest waterway is Red Bluff Reservoir located approximately 24.29 miles to the southwest of this location. See Appendix A for referenced water surveys, and water-related maps.

SITE ASSESSMENT, AND SOIL SAMPLING RESULTS

On February 20, 2025, Pima mobilized personnel to the site to begin collecting soil samples from the spill area to delineate the release. Forty (40) discrete samples were collected for the purpose of vertical delineation from eight (8) different samples points within the release area. These samples were collected from depths of surface, 1', 2', 3' and 4' bgs. Forty (40) discrete samples were collected from the edges of the release area from eight (8) different sample points for the purpose of horizontal delineation. These samples were collected from depths of surface, 1', 2', 3' and 4' bgs. One (1) sample was collected at 1' bgs in the pasture to serve as a background sample. A total of eighty-one (81) samples were immediately put on ice, jarred, and delivered to Envirotech Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. All sample results can be found in the Data Tables in Figure 4. A corresponding Site Map can be found in Figure 5. Complete laboratory reports can be found in Appendix E.

REMEDIATION WORK PLAN

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

1. Submit a one-call through the NM811 system.
2. Contaminated areas located around the separators will be excavated using hand tools, and all other areas will be mechanically excavated.
3. The estimated volume of soil to be remediated from S1, S2, & S8 is based on a 200 square foot area per sample point, totaling 600 square feet at an average depth of 1' bgs, approximately 23 cubic yards or until all contamination has been sufficiently removed.
4. The estimated volume of soil to be remediated from S3 is based on a 200 square foot area at an average depth of 2' bgs, totaling approximately 15 cubic yards or until all contamination has been sufficiently removed.
5. After Devon submits a 48-hour notification, Pima will collect 5-point composite samples from the base and walls of the excavated areas, representing an area of no more than 200 ft².
6. Upon final receipt of laboratory reports showing contamination levels are under the regulatory limits of Table 1 NMAC 19.15.29 NMAC, the excavation will then be backfilled with clean, like, material, and a remediation closure report will then be drafted and submitted to the NMOCD portal for review and approval.
7. Work will commence within 30 days of approval of this Remediation Work Plan by NMOCD and will be completed within 30 days after the start of construction.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@devon.com.

Pima Environmental – DelRae Geller at 806-724-5391 or delrae@pimaoil.com.



ATTACHMENTS

FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map

APPENDICES:

Appendix A – Water Surveys and Water Related Maps

Appendix B – Soil Survey, Geological Data

Appendix C – C-141 Form

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map





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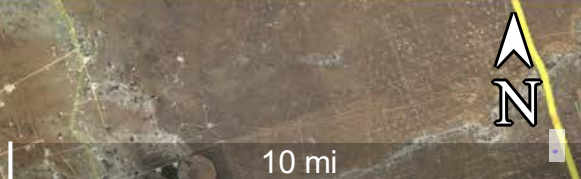
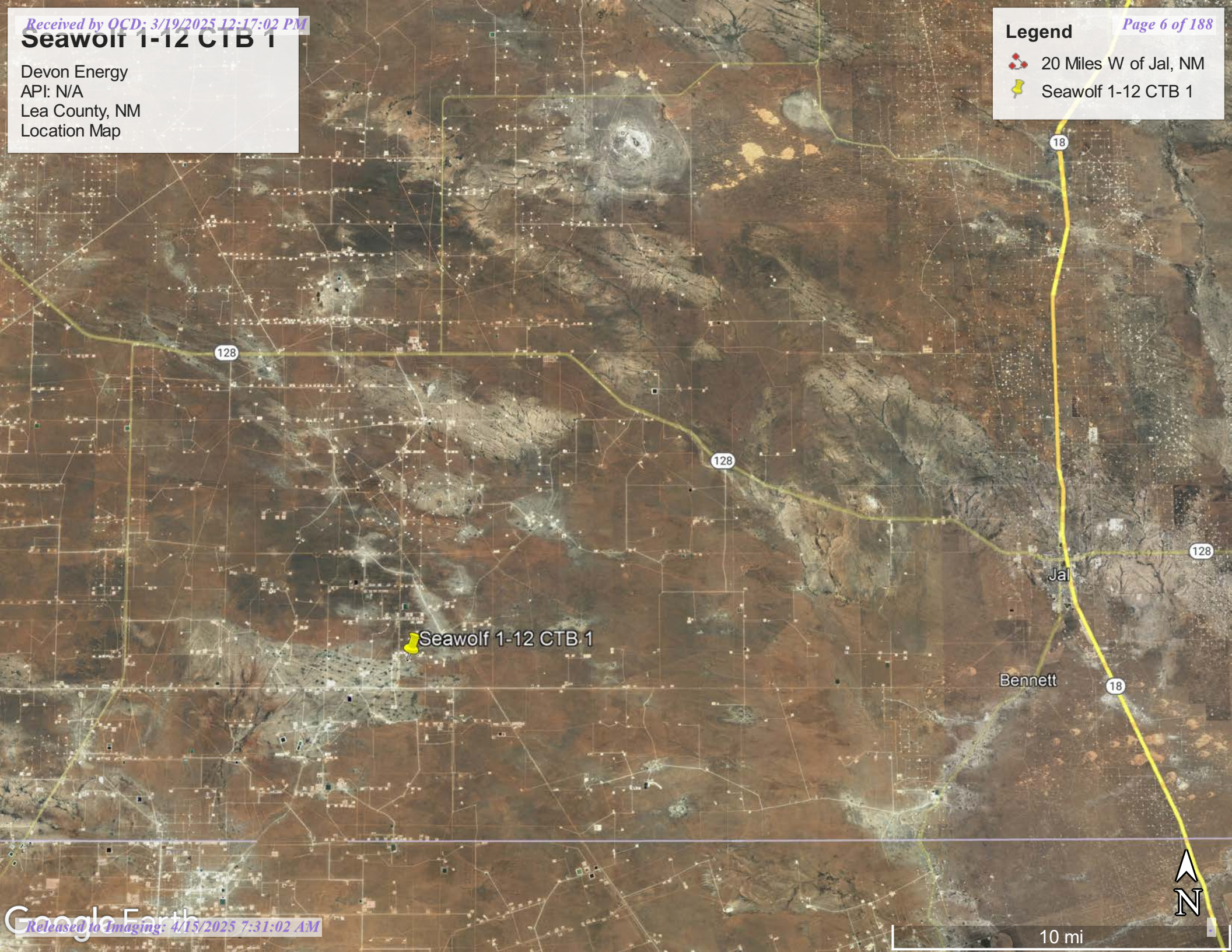
DEVON ENERGY PRODUCTION, LP.

Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
Location Map

Legend


-  20 Miles W of Jal, NM
-  Seawolf 1-12 CTB 1

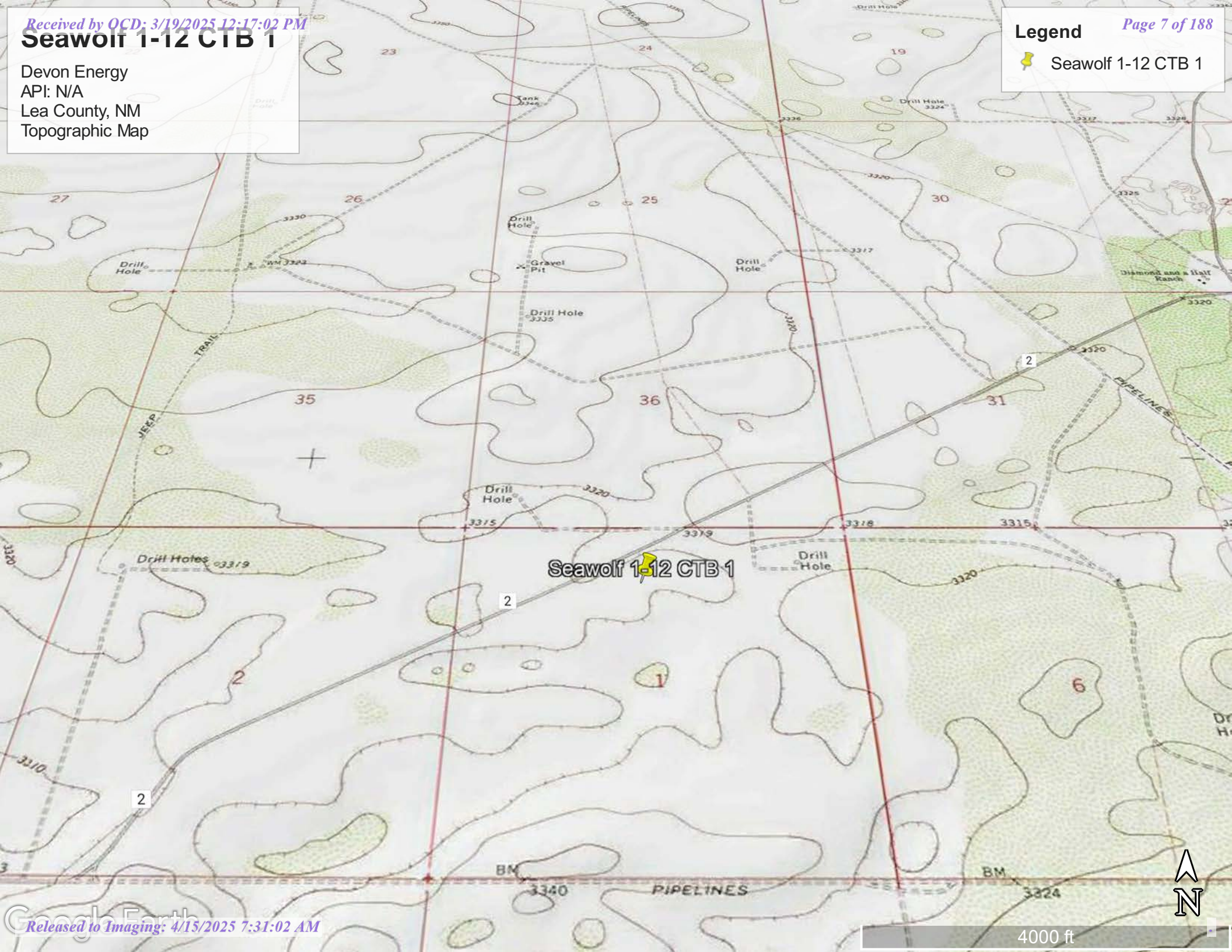


Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
Topographic Map

Legend

 Seawolf 1-12 CTB 1



Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst
-  Seawolf 1-12

Seawolf 1-12

Google Earth



2 mi

DATA TABLE

2-20-2025 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Sea Wolf 1-12 CTB 1								
Date: 2-20-25		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	Surface	ND	ND	ND	35.4	ND	35.4	27400
	1'	ND	ND	ND	ND	ND	ND	7160
	2'	ND	ND	ND	ND	ND	ND	408
	3'	ND	ND	ND	ND	ND	ND	114
	4'	ND	ND	ND	29	ND	29	47
S2	Surface	ND	ND	ND	ND	ND	ND	17900
	1'	ND	ND	ND	ND	ND	ND	5920
	2'	ND	ND	ND	ND	ND	ND	454
	3'	ND	ND	ND	32.2	ND	32.2	154
	4'	ND	ND	ND	25.7	ND	25.7	50.7
S3	Surface	29.6	ND	612	18800	7960	27401.6	7710
	1'	36.3	ND	776	14300	5280	20392.3	3820
	2'	ND	ND	ND	ND	ND	ND	376
	3'	ND	ND	ND	62.6	ND	62.6	180
	4'	ND	ND	ND	ND	ND	ND	48.2
S4	Surface	ND	ND	ND	ND	ND	ND	5870
	1'	ND	ND	ND	ND	ND	ND	2970
	2'	ND	ND	ND	ND	ND	ND	299
	3'	ND	ND	ND	26.3	ND	26.3	119
	4'	ND	ND	ND	ND	ND	ND	57.8
S5	Surface	ND	ND	ND	29	ND	29	6170
	1'	ND	ND	ND	ND	ND	ND	2420
	2'	ND	ND	ND	ND	ND	ND	377
	3'	ND	ND	ND	44.9	ND	44.9	192
	4'	ND	ND	ND	25	ND	25	85.7



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Ice Dancer 30 Fed Com 2H | NAB1834553041

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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Sea Wolf 1-12 CTB 1								
Date: 2-20-25		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
S6	Surface	ND	ND	ND	ND	ND	ND	2890
	1'	ND	ND	ND	ND	ND	ND	1510
	2'	ND	ND	ND	ND	ND	ND	400
	3'	ND	ND	ND	30.8	ND	30.8	135
	4'	ND	ND	ND	ND	ND	ND	91.2
S7	Surface	ND	ND	ND	ND	ND	ND	1370
	1'	ND	ND	ND	29.7	ND	29.7	920
	2'	ND	ND	ND	ND	ND	ND	439
	3'	ND	ND	ND	ND	ND	ND	136
	4'	ND	ND	ND	ND	ND	ND	53.6
S8	Surface	ND	ND	ND	ND	ND	ND	12000
	1'	ND	ND	ND	ND	ND	ND	3390
	2'	ND	ND	ND	ND	ND	ND	307
	3'	ND	ND	ND	68.1	ND	68.1	143
	4'	ND	ND	ND	30.7	ND	30.7	74.2
SW1	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW2	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW3	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND



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Ice Dancer 30 Fed Com 2H | NAB1834553041

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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Sea Wolf 1-12 CTB 1								
Date: 2-20-25		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
SW4	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW5	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW6	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW7	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW8	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
BG1	1'	ND	ND	ND	ND	ND	ND	ND

ND/0- Analyte Not Detected



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Ice Dancer 30 Fed Com 2H | NAB1834553041

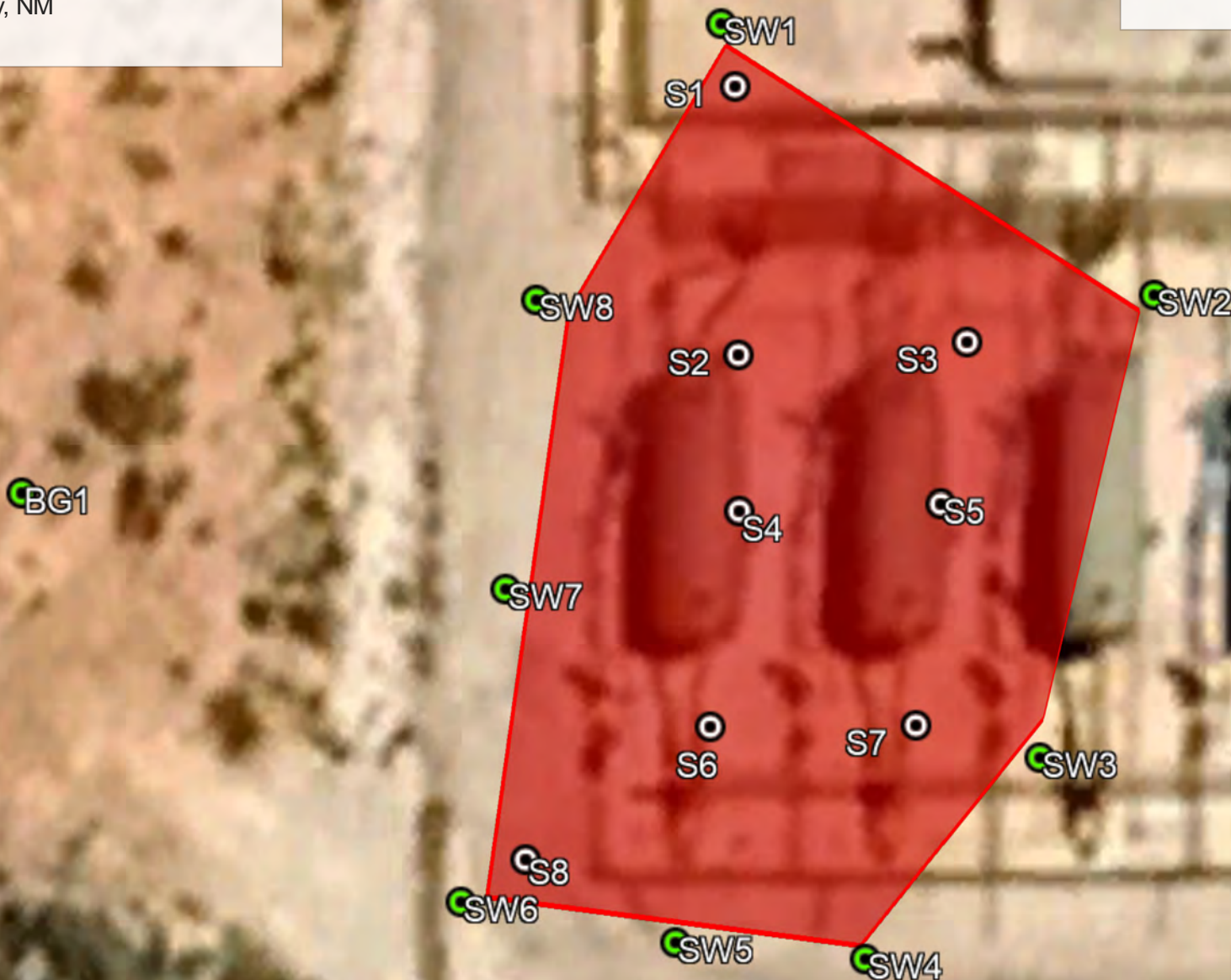
DEVON ENERGY PRODUCTION, LP.

Seawolf 1-12 CTB 1

Devon Energy
API: 30-025-43765
32.077028, -103.526702
Lea County, NM
Site Map

Legend

- Bottom Samples
- Sidewall/Background Samples
- Release Area 3,000 sq ft



Google Earth

APPENDIX A

OSE Water Survey

USGS Water Survey

Water Related Maps



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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_04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	313			
C_02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	1780	220	160	60
C_03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	1915	250		
C_02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	1933	200	140	60
C_03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	2000	251		
C_02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	2425	250	200	50
C_02285 POD1		CUB	LE	1	4	4	03	26S	33E	636613	3548855	2664	220	220	0
C_02288		CUB	LE	4	4	4	03	26S	33E	636646	3548758	2674	220	180	40
C_02289		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	2742	200	160	40
C_02290		CUB	LE	4	4	4	03	26S	33E	636538	3548770	2767	200	160	40
C_02286		CUB	LE	3	4	4	03	26S	33E	636470	3548714	2853	220	175	45
C_02287		C	LE	3	4	4	03	26S	33E	636427	3548708	2894	220		
C_02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	3022	150	110	40
C_02294		CUB	LE	4	4	3	11	26S	33E	637465	3547003	3317	200	145	55
C_02293		CUB	LE	2	2	1	14	26S	33E	637501	3546975	3325	200	135	65
C_02316		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	3590	100	50	50
C_02317		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	3590	100	50	50
C_04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	3606			

Average Depth to Water: **145 feet**

Minimum Depth: **50 feet**

Maximum Depth: **220 feet**

Record Count: 18

UTMNAD83 Radius Search (in meters):

Easting (X): 639059.12

Northing (Y): 3549912.32

Radius: 5000

*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.

12/1/22 10:34 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 04628 POD1	1	1	2	01	26S	33E	639121	3550219

x

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE ATKINS

Drill Start Date: 06/09/2022 **Drill Finish Date:** 06/09/2022 **Plug Date:**

Log File Date: 06/16/2022 **PCW Rev Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

x

Casing Perforations:	Top	Bottom
	0	55

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.

5/3/23 2:21 PM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4628			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 4	SECONDS 46.64 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW NW NE Sec.1 T26S R33S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 6/9/2022	DRILLING ENDED 6/9/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 6/13/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	55	±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		

OSE DJI JUN 16 2022 PM 3:11

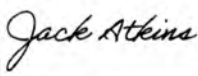
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, Fine-grained, poorly graded, unconsolidated 7.5 YR 5/4, Brown	Y ✓ N	
	4	14	10	Sand, Fine-grained, poorly graded, semi-consolidated 7.5 YR 5/4, Brown	Y ✓ N	
	14	19	5	Limestone, consolidated 10 YR 7/4, Pale Brown	Y ✓ N	
	19	55	36	Sand, Fine-grained, poorly graded, 7.5 YR 6/8, Reddish Yellow	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 27 Seawolf 1-12 CTB 1	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME	6/16/2022 DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

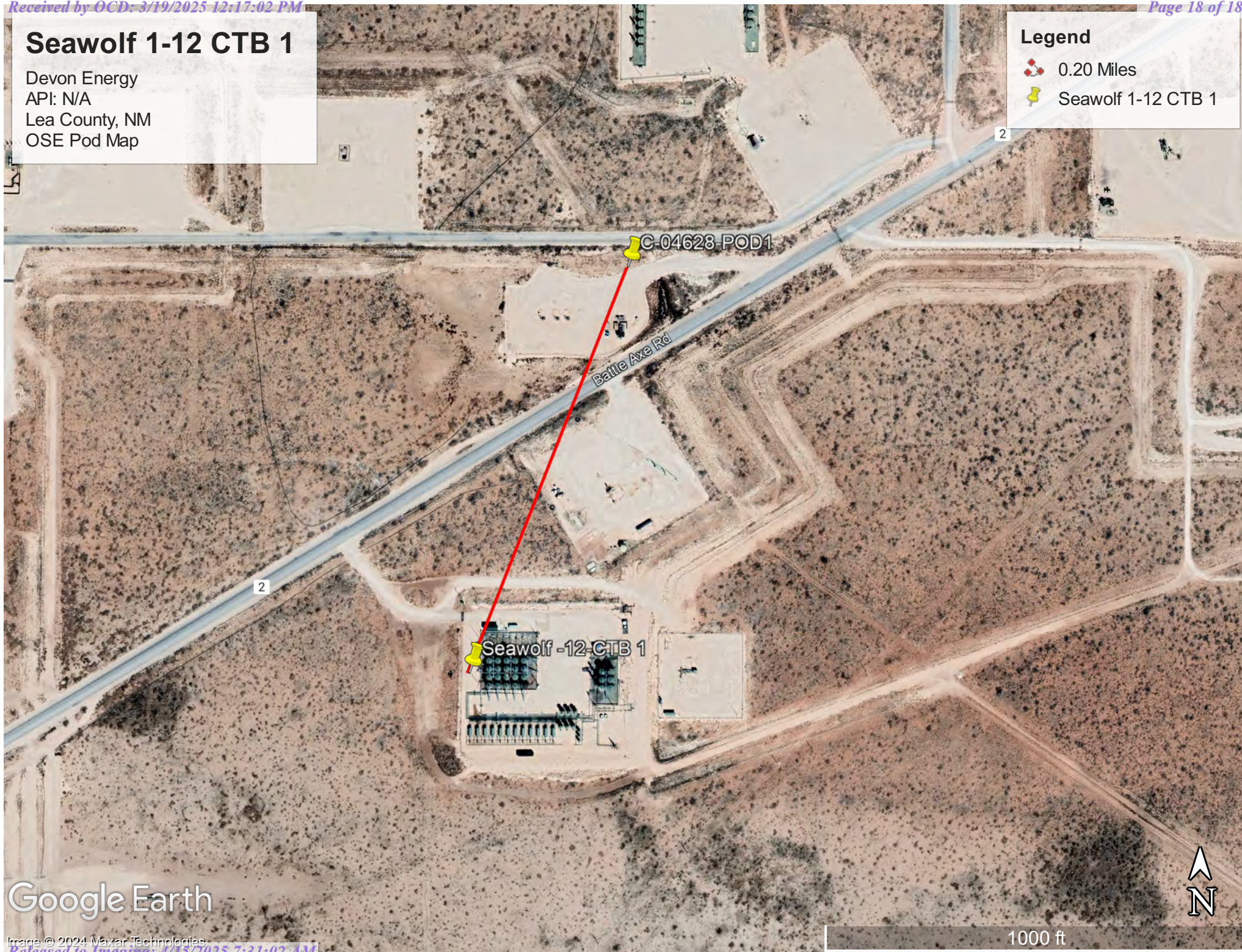
FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
OSE Pod Map

Legend

- 0.20 Miles
- Seawolf 1-12 CTB 1



Google Earth



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 320419103302201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320419103302201 26S.34E.06.21414

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83

Land-surface elevation 3,319.00 feet above NGVD29

The depth of the well is 360 feet below land surface.

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

This well is completed in the Chinle Formation (231CHNL) local aquifer.

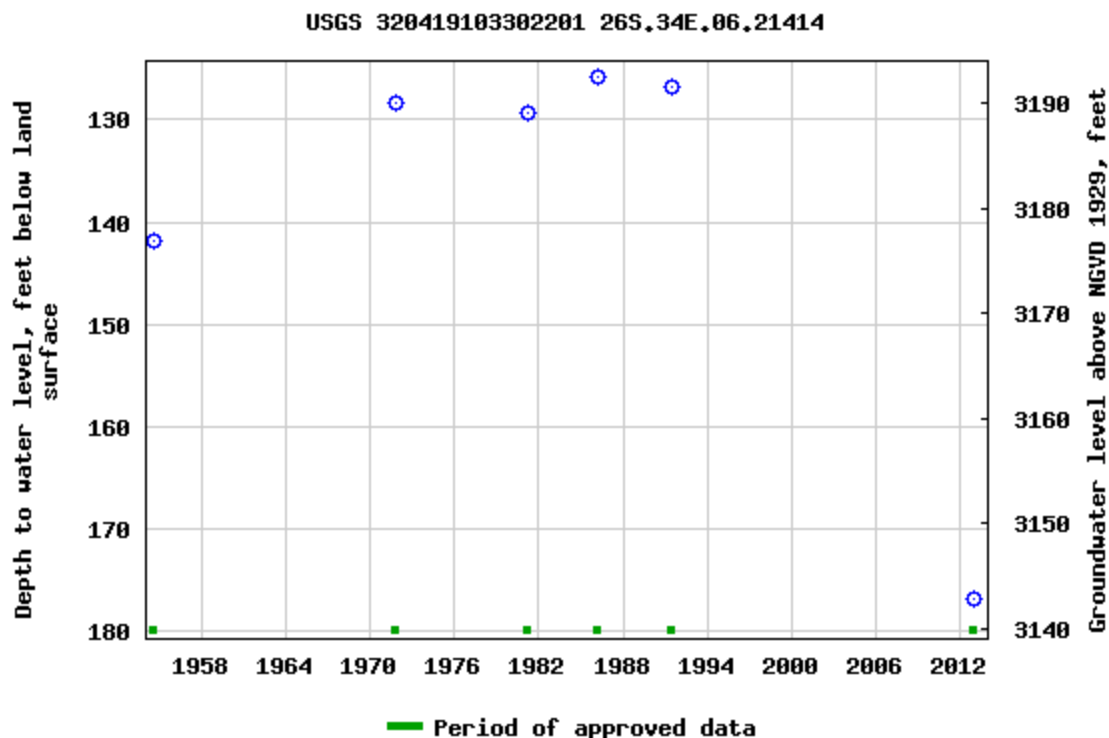
Output formats

[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: 2024-07-22 16:56:11 EDT

0.56 0.49 nadww01

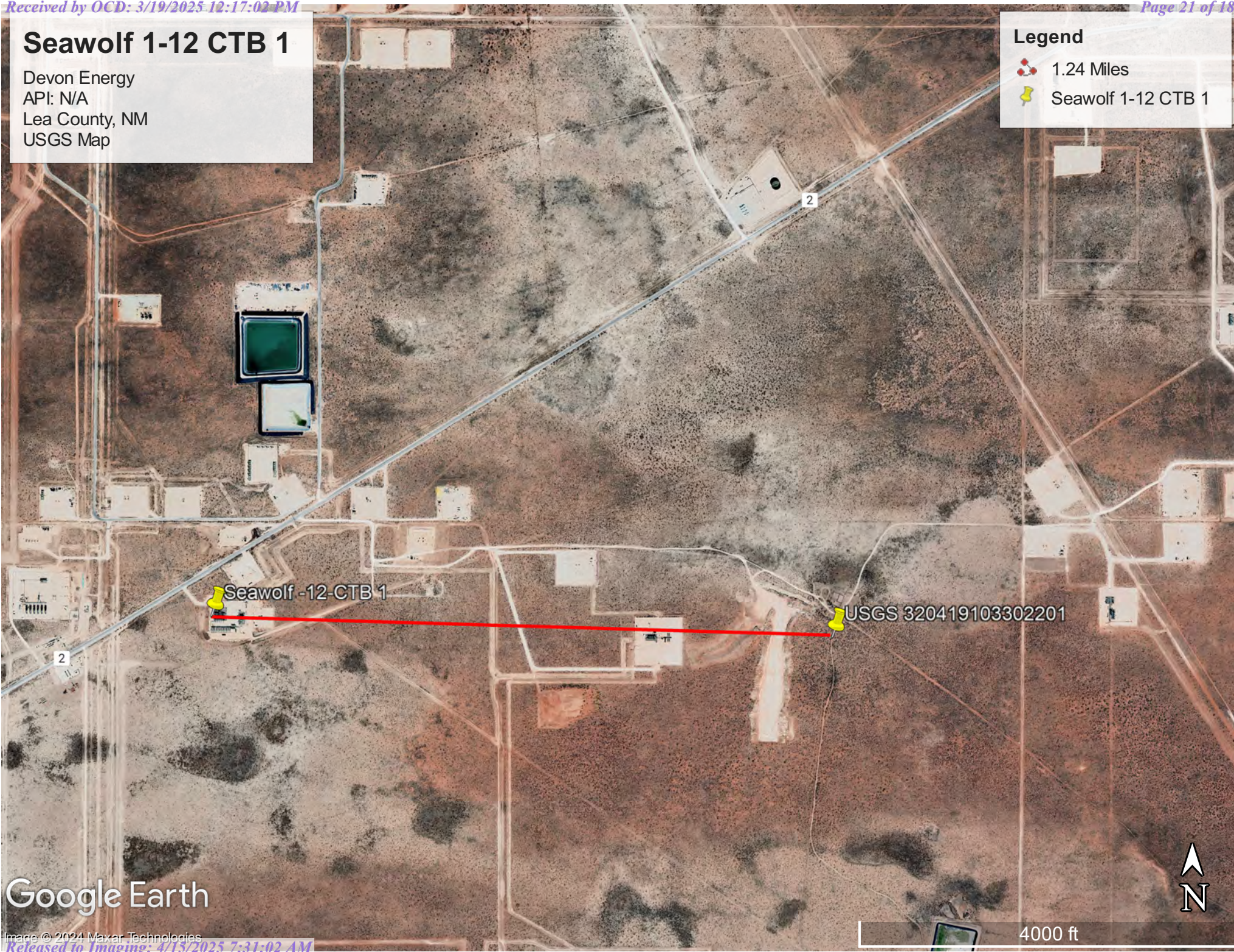


Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
USGS Map

Legend

- 1.24 Miles
- Seawolf 1-12 CTB 1





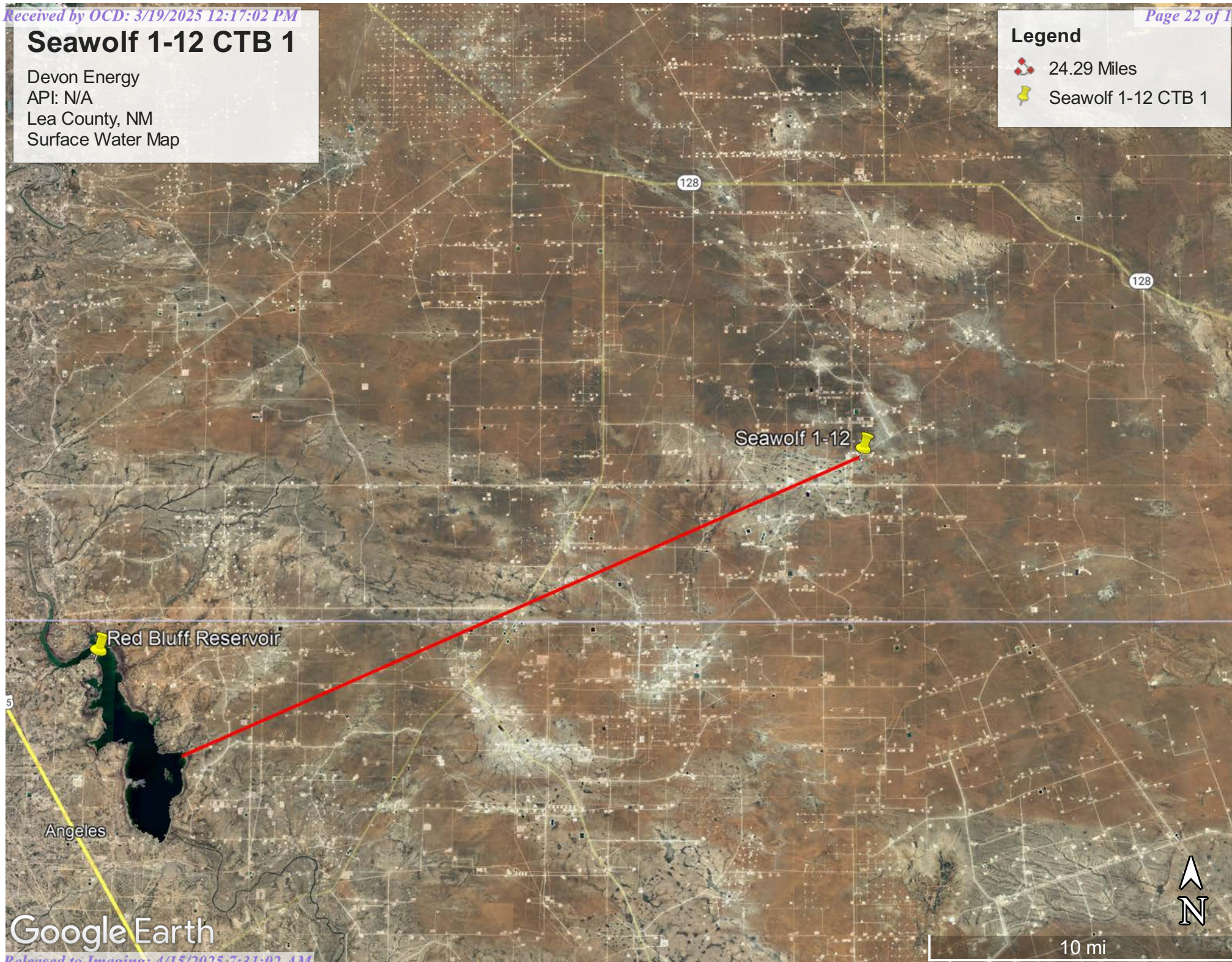
Google Earth

Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
Surface Water Map

Legend

-  24.29 Miles
-  Seawolf 1-12 CTB 1



National Flood Hazard Layer FIRMette



103°31'55"W 32°4'52"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°31'17"W 32°4'22"N

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

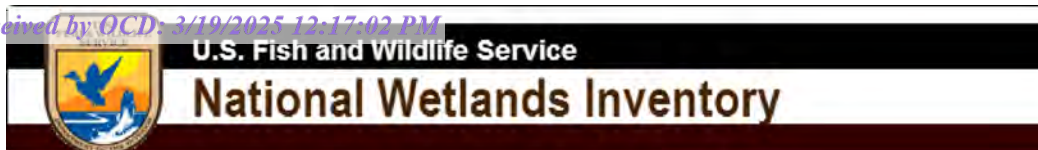


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/1/2022 at 12:39 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



December 1, 2022

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 B

Soil Survey & Geological Data

Geologic Unit Map



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

DEVON ENERGY PRODUCTION, LP.

Map Unit Description: Simona-Upton association---Lea County, New Mexico

Lea County, New Mexico

SR—Simona-Upton association

Map Unit Setting

National map unit symbol: dmr3

Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 16 inches

Mean annual air temperature: 58 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 50 percent

Upton and similar soils: 35 percent

Minor components: 15 percent

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

Description of Simona

Setting

Landform: Ridges

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Rise

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: gravelly fine sandy loam

Bk - 8 to 16 inches: fine sandy loam

Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very 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: 50 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: Very low (about 1.9 inches)

Map Unit Description: Simona-Upton association---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Description of Upton**Setting**

Landform: Ridges

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Rise

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: gravelly loam

Bkm - 8 to 18 inches: cemented material

Bck - 18 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 75 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: Very low (about 0.9 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Minor Components**Kimbrough**

Percent of map unit: 6 percent

Ecological site: R077CY037TX - Very Shallow 16-21" PZ

Hydric soil rating: No

Map Unit Description: Simona-Upton association---Lea County, New Mexico

Stegall

Percent of map unit: 5 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Slaughter

Percent of map unit: 4 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022



Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

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

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

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

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
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 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information




Soil Survey Area: Lea County, New Mexico

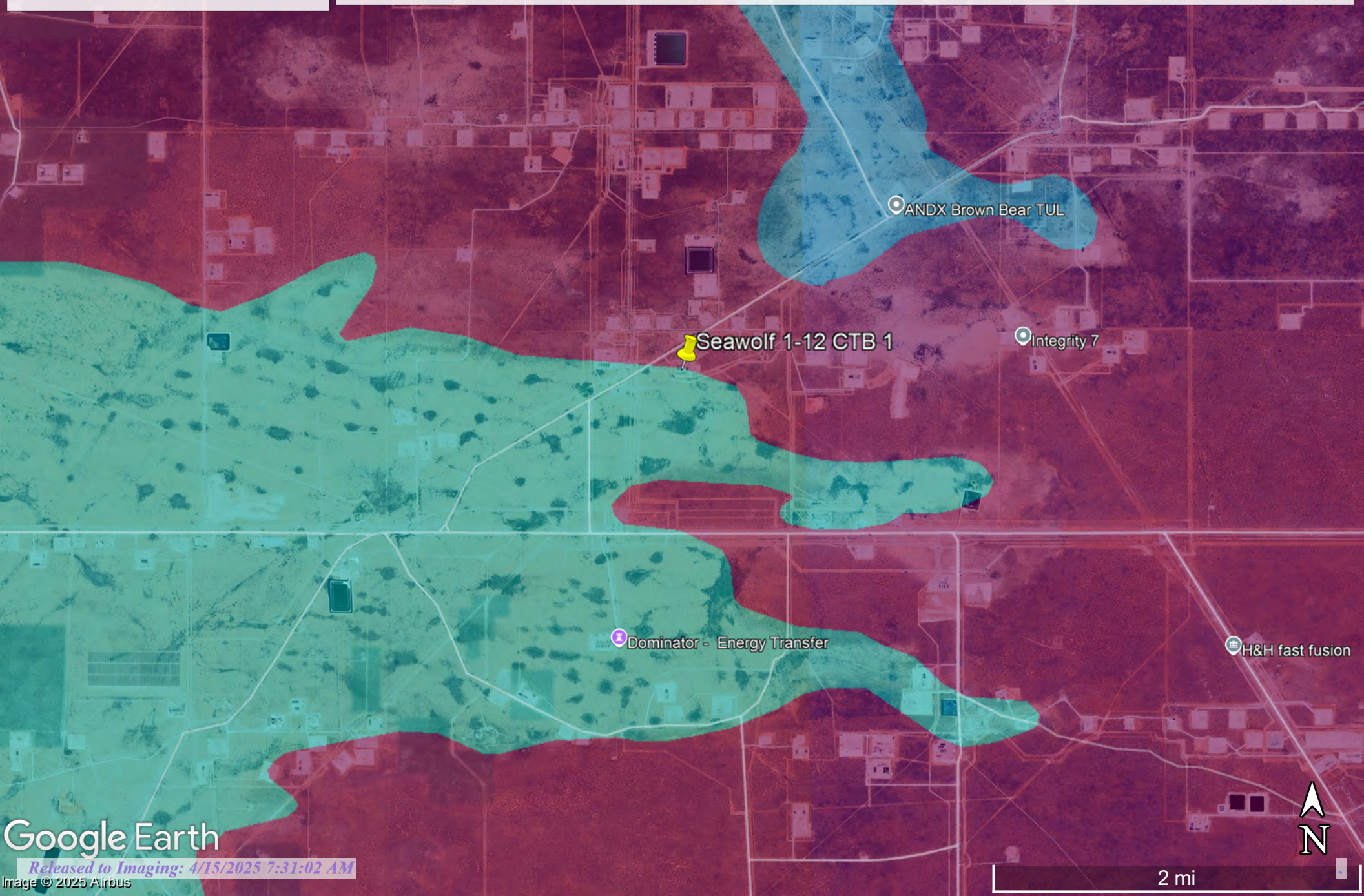
Survey Area Data: Version 19, Sep 8, 2022

Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
Geologic Unit Map

Legend

-  Eolian and piedmont deposits
-  Eolian deposits
-  Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region



Google Earth



2 mi

APPENDIX C

C-141 Form



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

DEVON ENERGY PRODUCTION, LP.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2102637490
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Lupe Carrasco	Contact Telephone
Contact email Lupe.Carrasco@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.07917228 Longitude -103.52616097
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Seawolf 1-12 CTB 1	Site Type Oil
Date Release Discovered 1/10/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
C	1	26S	33E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 8.8 BBLS	Volume Recovered (bbls) 5 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Pin hole leak in water piping off 3 phase separator. All fluid remained on location.

Incident ID	NAPP2102637490
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: This spill was not in containment.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Kendra DeHoyos</u>	Title: <u>EHS Associate</u>
Signature: <u>Kendra DeHoyos</u>	Date: <u>1/25/2021</u>
email: <u>Kendra.DeHoyos@dvn.com</u>	Telephone: <u>575-748-0167</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>2/2/2021</u>

NAPP2102637490

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>2974</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>123.917</u>
Barrels of Soil Impacted	<u>22.09</u>
Soil Type	Clay
Barrels of Oil Assuming 100% Saturation	<u>2.21</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	2.21
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>2974</u>	<u>0.150</u>
Standing fluid	<u>6.627</u>
<u>Total fluids spilled</u>	<u>8.835</u>

APPENDIX D

Photographic Documentation



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

DEVON ENERGY PRODUCTION, LP.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Wolf 1-12 CTB 1

Site Assessment:



Photo of site assessment facing southeast.



Photo of site assessment facing southeast.



Photo of site assessment facing southwest.



Photo of site assessment facing southwest.



Photo of site assessment, taken post scraping

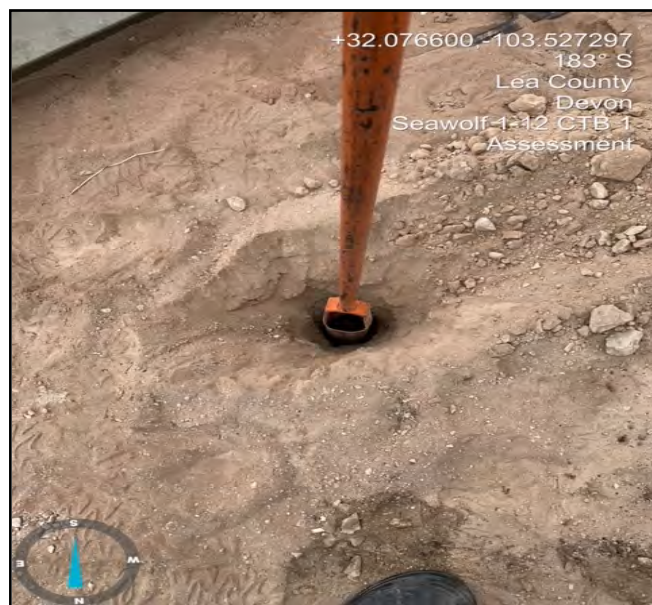


Photo of site assessment using hand auger.



Photo of site assessment using hand auger.



Photo of site assessment using hand auger.



Aerial view of release area.

APPENDIX E

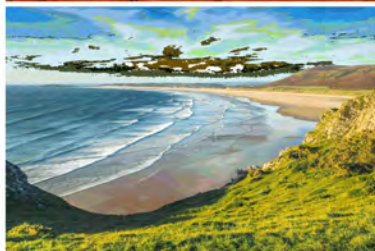
Laboratory Reports



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

DEVON ENERGY PRODUCTION, LP.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E502209

Job Number: 01058-0007

Received: 2/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/25

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: 2/27/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Wolf 1-12 CTB 1
Workorder: E502209
Date Received: 2/22/2025 5:00:10AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/22/2025 5:00:10AM, under the Project Name: Sea Wolf 1-12 CTB 1.

The analytical test results summarized in this report with the Project Name: Sea Wolf 1-12 CTB 1 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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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported: 02/27/25 11:28
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-SURFACE	E502209-01A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S1-1'	E502209-02A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S1-2'	E502209-03A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S1-3'	E502209-04A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S1-4'	E502209-05A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S2-SURFACE	E502209-06A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S2-1'	E502209-07A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S2-2'	E502209-08A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S2-3'	E502209-09A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S2-4'	E502209-10A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S3-SURFACE	E502209-11A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S3-1'	E502209-12A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S3-2'	E502209-13A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S3-3'	E502209-14A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S3-4'	E502209-15A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S4-SURFACE	E502209-16A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S4-1'	E502209-17A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S4-2'	E502209-18A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S4-3'	E502209-19A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S4-4'	E502209-20A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S1-SURFACE

E502209-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/22/25	02/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %	70-130	02/22/25	02/22/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/22/25	02/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %	70-130	02/22/25	02/22/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	35.4	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>		93.2 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	27400	1000	50	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S1-1'

E502209-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.7 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	7160	100	5	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S1-2'

E502209-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		89.7 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	408	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S1-3'

E502209-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		90.1 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	114	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S1-4'

E502209-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	29.0	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		91.3 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	47.0	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S2-SURFACE

E502209-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		92.5 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	17900	400	20	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S2-1'

E502209-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.4 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	5920	100	5	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S2-2'

E502209-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		94.7 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	454	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S2-3'

E502209-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	32.2	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		96.1 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	154	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S2-4'

E502209-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	25.7	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		91.9 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	50.7	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S3-SURFACE

E502209-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.250	10	02/22/25	02/24/25	
Ethylbenzene	2.25	0.250	10	02/22/25	02/24/25	
Toluene	1.52	0.250	10	02/22/25	02/24/25	
o-Xylene	7.38	0.250	10	02/22/25	02/24/25	
p,m-Xylene	22.2	0.500	10	02/22/25	02/24/25	
Total Xylenes	29.6	0.250	10	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		111 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	612	200	10	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		111 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509013
Diesel Range Organics (C10-C28)	18800	500	20	02/22/25	02/24/25	
Oil Range Organics (C28-C36)	7960	1000	20	02/22/25	02/24/25	
Surrogate: n-Nonane		185 %	61-141	02/22/25	02/24/25	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	7710	100	5	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S3-1'

E502209-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.250	10	02/22/25	02/24/25	
Ethylbenzene	2.64	0.250	10	02/22/25	02/24/25	
Toluene	1.22	0.250	10	02/22/25	02/24/25	
o-Xylene	8.96	0.250	10	02/22/25	02/24/25	
p,m-Xylene	27.3	0.500	10	02/22/25	02/24/25	
Total Xylenes	36.3	0.250	10	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene	102 %	70-130		02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		02/22/25	02/24/25	
Surrogate: Toluene-d8	111 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	776	200	10	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene	102 %	70-130		02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		02/22/25	02/24/25	
Surrogate: Toluene-d8	111 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509013
Diesel Range Organics (C10-C28)	14300	500	20	02/22/25	02/24/25	
Oil Range Organics (C28-C36)	5280	1000	20	02/22/25	02/24/25	
Surrogate: n-Nonane	238 %	61-141		02/22/25	02/24/25	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	3820	40.0	2	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S3-2'

E502209-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		91.5 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	376	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S3-3'

E502209-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	62.6	25.0	1	02/22/25	02/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/24/25	
Surrogate: n-Nonane		92.1 %	61-141	02/22/25	02/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	180	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S3-4'

E502209-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		90.7 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	48.2	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S4-SURFACE

E502209-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		96.3 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	5870	40.0	2	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S4-1'

E502209-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		94.1 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	2970	40.0	2	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S4-2'

E502209-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		95.8 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	299	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S4-3'

E502209-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/22/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/22/25	
Toluene	ND	0.0250	1	02/22/25	02/22/25	
o-Xylene	ND	0.0250	1	02/22/25	02/22/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/22/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/22/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	02/22/25	02/22/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	26.3	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		94.7 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	119	20.0	1	02/23/25	02/25/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 11:28:16AM

S4-4'

E502209-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508128
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508138
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.3 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509004
Chloride	57.8	20.0	1	02/23/25	02/25/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 11:28:16AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508128-BLK1)

Prepared: 02/22/25 Analyzed: 02/22/25

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	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2508128-BS1)

Prepared: 02/22/25 Analyzed: 02/22/25

Benzene	2.41	0.0250	2.50		96.3	70-130			
Ethylbenzene	2.51	0.0250	2.50		100	70-130			
Toluene	2.61	0.0250	2.50		104	70-130			
o-Xylene	2.58	0.0250	2.50		103	70-130			
p,m-Xylene	5.36	0.0500	5.00		107	70-130			
Total Xylenes	7.94	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

Matrix Spike (2508128-MS1)

Source: E502209-07

Prepared: 02/22/25 Analyzed: 02/22/25

Benzene	2.36	0.0250	2.50	ND	94.3	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.4	45-135			
Toluene	2.54	0.0250	2.50	ND	102	48-130			
o-Xylene	2.52	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.15	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.67	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

Matrix Spike Dup (2508128-MSD1)

Source: E502209-07

Prepared: 02/22/25 Analyzed: 02/22/25

Benzene	2.58	0.0250	2.50	ND	103	48-131	8.82	23	
Ethylbenzene	2.67	0.0250	2.50	ND	107	45-135	9.36	27	
Toluene	2.77	0.0250	2.50	ND	111	48-130	8.68	24	
o-Xylene	2.78	0.0250	2.50	ND	111	43-135	10.0	27	
p,m-Xylene	5.75	0.0500	5.00	ND	115	43-135	11.0	27	
Total Xylenes	8.53	0.0250	7.50	ND	114	43-135	10.7	27	
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 11:28:16AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508128-BLK1)

Prepared: 02/22/25 Analyzed: 02/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2508128-BS2)

Prepared: 02/22/25 Analyzed: 02/22/25

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike (2508128-MS2)

Source: E502209-07

Prepared: 02/22/25 Analyzed: 02/22/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike Dup (2508128-MSD2)

Source: E502209-07

Prepared: 02/22/25 Analyzed: 02/22/25

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130	2.67	20	
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 11:28:16AM

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 (2508138-BLK1)					Prepared: 02/22/25 Analyzed: 02/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.3	61-141			

LCS (2508138-BS1)					Prepared: 02/22/25 Analyzed: 02/22/25				
Diesel Range Organics (C10-C28)	217	25.0	250		86.7	66-144			
Surrogate: n-Nonane	47.8		50.0		95.7	61-141			

Matrix Spike (2508138-MS1)					Source: E502209-07		Prepared: 02/22/25 Analyzed: 02/22/25		
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.9	56-156			
Surrogate: n-Nonane	46.5		50.0		93.0	61-141			

Matrix Spike Dup (2508138-MSD1)					Source: E502209-07		Prepared: 02/22/25 Analyzed: 02/22/25		
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.7	56-156	1.93	20	
Surrogate: n-Nonane	45.8		50.0		91.5	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 11:28:16AM

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 (2509013-BLK1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	61-141			

LCS (2509013-BS1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike (2509013-MS1)					Source: E502220-24		Prepared: 02/24/25 Analyzed: 02/24/25		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	56-156			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike Dup (2509013-MSD1)					Source: E502220-24		Prepared: 02/24/25 Analyzed: 02/24/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	1.75	20	
Surrogate: n-Nonane	51.5		50.0		103	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 11:28:16AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509004-BLK1)					Prepared: 02/23/25 Analyzed: 02/25/25				
Chloride	ND	20.0							
LCS (2509004-BS1)					Prepared: 02/23/25 Analyzed: 02/25/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2509004-MS1)					Source: E502209-09		Prepared: 02/23/25 Analyzed: 02/25/25		
Chloride	411	20.0	250	154	103	80-120			
Matrix Spike Dup (2509004-MSD1)					Source: E502209-09		Prepared: 02/23/25 Analyzed: 02/25/25		
Chloride	407	20.0	250	154	101	80-120	1.05	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 Wolf 1-12 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/27/25 11:28

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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.

Chain of Custody

Page 1 of 9

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: Seawolf 1-12 CTB 1				Address:		E502209	01058-0007				X	X						
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 N Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1														
Email: delrae@pimaoil.com																		
Sample Information							Analysis and Method							EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA
1:00	2/20/2025	S		S1-SURFACE		1						X						
1:06				S1-1'		2												
1:13				S1-2'		3												
1:20				S1-3'		4												
1:27				S1-4'		5												
1:30				S2-SURFACE		6												
1:34				S2-1'		7												
1:38				S2-2'		8												
1:40				S2-3'		9												
1:43				S2-4'		10												
Additional Instructions: W/O # 21125189																		
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: Andrew Franco																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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 oC on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>										
Andrew Franco		2-20-25	8:30	Karime Adams		2-21-25	9:00											
Karime Adams		2-21-25	2:30	Michelle Gonzales		2-21-25	1430											
Michelle Gonzales		2-21-25	1645	J. H.		2-21-25	1645											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
J. H.		2-21-25	2400	Caitlin Martin		2-24-25	850											
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 14 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.																		

Noe Solo 2-22-25 0500

Chain of Custody

Page 2 of 9

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#		1D 2D 3D Std				NM CO UT TX							
Project Name: Seawolf 1-12 CTB 1				Address:		E502201		Job Number				4058-0007							
Project Manager: DelRae Geller				City, State, Zip:								X							
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1															
Email: delrae@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
1:55	2/20/2025	S		S3-SURFACE		11						X							
1:59				S3-1'		12													
2:03				S3-2'		13													
2:09				S3-3'		14													
2:14				S3-4'		15													
2:18				S4-SURFACE		16													
2:24				S4-1'		17													
2:29				S4-2'		18													
2:30				S4-3'		19													
2:33				S4-4'		20													
Additional Instructions: W/O # 21125189																			
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: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		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 oC on subsequent days. Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>							
Andrew Franco		2-20-25		8:30		Karime Adams		2-21-25		9:00									
Karime Adams		2-21-25		2:30		Michelle Gonzales		2-21-25		1430									
Michelle Gonzales		2-21-25		1645		John J.		2-21-25		1645									
John J.		2-21-25		2:40		Caitlin Hartz		2-21-25		8:00									
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 14 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.																			

Noc Soto 2-22-25 0500

Envirotech Analytical Laboratory

Printed: 2/24/2025 3:04:04PM

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:	02/22/25 05:00	Work Order ID:	E502209
Phone:	(575) 631-6977	Date Logged In:	02/21/25 16:18	Logged In By:	Noe Soto
Email:		Due Date:	02/28/25 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: CourierComments/Resolution

No, of containers not provided on COC. Project Seawold 1-2 CTB 1 has been separated into multiple WOs due to high sample volume, WOs are E502209-E502212.

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.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E502210

Job Number: 01058-0007

Received: 2/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/25

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: 2/27/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Wolf 1-12 CTB 1
Workorder: E502210
Date Received: 2/22/2025 5:00:10AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/22/2025 5:00:10AM, under the Project Name: Sea Wolf 1-12 CTB 1.

The analytical test results summarized in this report with the Project Name: Sea Wolf 1-12 CTB 1 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
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/27/25 09:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5-SURFACE	E502210-01A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S5-1'	E502210-02A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S5-2'	E502210-03A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S5-3'	E502210-04A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S5-4'	E502210-05A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S6-SURFACE	E502210-06A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S6-1'	E502210-07A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S6-2'	E502210-08A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S6-3'	E502210-09A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S6-4'	E502210-10A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S7-SURFACE	E502210-11A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S7-1'	E502210-12A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S7-2'	E502210-13A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S7-3'	E502210-14A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S7-4'	E502210-15A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S8-SURFACE	E502210-16A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S8-1'	E502210-17A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S8-2'	E502210-18A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S8-3'	E502210-19A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
S8-4'	E502210-20A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S5-SURFACE

E502210-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/22/25	02/23/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	02/22/25	02/23/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/22/25	02/23/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	02/22/25	02/23/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	29.0	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>		93.6 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	6170	40.0	2	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S5-1'

E502210-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.9 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	2420	40.0	2	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S5-2'

E502210-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		95.0 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	377	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S5-3'

E502210-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		105 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	44.9	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		92.6 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	192	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S5-4'

E502210-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	25.0	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		95.1 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	85.7	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S6-SURFACE

E502210-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.3 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	2890	40.0	2	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S6-1'

E502210-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		91.8 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	1510	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S6-2'

E502210-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		94.3 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	400	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S6-3'

E502210-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	30.8	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		92.0 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	135	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S6-4'

E502210-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		98.2 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	91.2	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S7-SURFACE

E502210-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.7 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	1370	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S7-1'

E502210-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	29.7	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.1 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	920	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S7-2'

E502210-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.2 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	439	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S7-3'

E502210-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.1 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	136	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S7-4'

E502210-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		93.5 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	53.6	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S8-SURFACE

E502210-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		95.0 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	12000	200	10	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S8-1'

E502210-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		91.6 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	3390	40.0	2	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S8-2'

E502210-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		88.8 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	307	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S8-3'

E502210-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	68.1	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		91.2 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	143	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:19:45AM

S8-4'

E502210-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508130
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508139
Diesel Range Organics (C10-C28)	30.7	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		99.0 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509017
Chloride	74.2	20.0	1	02/24/25	02/24/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 9:19:45AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508130-BLK1)

Prepared: 02/22/25 Analyzed: 02/23/25

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	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.454		0.500		90.7	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2508130-BS1)

Prepared: 02/22/25 Analyzed: 02/23/25

Benzene	2.46	0.0250	2.50		98.2	70-130			
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Toluene	2.64	0.0250	2.50		106	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.39	0.0500	5.00		108	70-130			
Total Xylenes	7.96	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	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			

Matrix Spike (2508130-MS1)

Source: E502210-04

Prepared: 02/22/25 Analyzed: 02/23/25

Benzene	2.40	0.0250	2.50	ND	96.0	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.7	45-135			
Toluene	2.59	0.0250	2.50	ND	104	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.80	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike Dup (2508130-MSD1)

Source: E502210-04

Prepared: 02/22/25 Analyzed: 02/23/25

Benzene	2.27	0.0250	2.50	ND	90.9	48-131	5.39	23	
Ethylbenzene	2.34	0.0250	2.50	ND	93.6	45-135	5.26	27	
Toluene	2.44	0.0250	2.50	ND	97.5	48-130	6.17	24	
o-Xylene	2.50	0.0250	2.50	ND	100	43-135	1.19	27	
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135	3.14	27	
Total Xylenes	7.61	0.0250	7.50	ND	101	43-135	2.51	27	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported: 2/27/2025 9:19:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508130-BLK1)

Prepared: 02/22/25 Analyzed: 02/23/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.454		0.500		90.7	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2508130-BS2)

Prepared: 02/22/25 Analyzed: 02/23/25

Gasoline Range Organics (C6-C10)	57.1	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike (2508130-MS2)

Source: E502210-04

Prepared: 02/22/25 Analyzed: 02/23/25

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

Matrix Spike Dup (2508130-MSD2)

Source: E502210-04

Prepared: 02/22/25 Analyzed: 02/23/25

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	ND	112	70-130	4.53	20	
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported: 2/27/2025 9:19:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

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 (2508139-BLK1)					Prepared: 02/22/25 Analyzed: 02/23/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.4		50.0		92.7	61-141			

LCS (2508139-BS1)					Prepared: 02/22/25 Analyzed: 02/23/25				
Diesel Range Organics (C10-C28)	229	25.0	250		91.7	66-144			
Surrogate: n-Nonane	47.0		50.0		94.0	61-141			

Matrix Spike (2508139-MS1)					Source: E502210-10		Prepared: 02/22/25 Analyzed: 02/23/25		
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	56-156			
Surrogate: n-Nonane	66.6		50.0		133	61-141			

Matrix Spike Dup (2508139-MSD1)					Source: E502210-10		Prepared: 02/22/25 Analyzed: 02/23/25		
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.9	56-156	0.758	20	
Surrogate: n-Nonane	46.1		50.0		92.3	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 9:19:45AM

Anions by EPA 300.0/9056A

Analyst: JM

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 (2509017-BLK1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Chloride	ND	20.0							
LCS (2509017-BS1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2509017-MS1)					Source: E502210-10		Prepared: 02/24/25 Analyzed: 02/24/25		
Chloride	350	20.0	250	91.2	103	80-120			
Matrix Spike Dup (2509017-MSD1)					Source: E502210-10		Prepared: 02/24/25 Analyzed: 02/24/25		
Chloride	345	20.0	250	91.2	102	80-120	1.22	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 Wolf 1-12 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/27/25 09:19

- 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.

Chain of Custody

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E502210 CM 2/24/25

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO# <u>E502210</u>		Job Number <u>01058.007</u>		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Seawolf 1-12 CTB 1				Address:									X	X				
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 N Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1														
Email: delrae@pimaoil.com																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCED 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA
2:38	2/20/2025	S		S5-SURFACE		1						X						
2:44				S5-1'		2												
2:47				S5-2'		3												
2:50				S5-3'		4												
2:54				S5-4'		5												
2:59				S6-SURFACE		6												
3:12				S6-1'		7												
3:18				S6-2'		8												
3:20				S6-3'		9												
3:26				S6-4'		10												
Additional Instructions: W/O # 21125189																		
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: Andrew Franco																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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 oC on subsequent days. Lab Use Only Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>										
Andrew Franco		2-20-25	8:30	Karime Adams		2-21-25	9:00											
Karime Adams		2-21-25	2:30	Michelle Gonzales		2-21-25	1430											
Michelle Gonzales		2-21-25	1645	[Signature]		2-21-25	1645											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
[Signature]		2-21-25	240	[Signature]		2-24-25	800											
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 14 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.																		

Noe Solo 2-22-25 0500

Chain of Custody

Page 4 of 9

E502210CM 2/24/25

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO# <u>E502210</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Seawolf 1-12 CTB 1				Address:									X	X				
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 N Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1														
Email: delrae@pimaoil.com																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA
3:30	2/20/2025	S		S7-SURFACE		11						X						
3:34				S7-1'		12												
3:38				S7-2'		13												
3:44				S7-3'		14												
3:48				S7-4'		15												
3:53				S8-SURFACE		16												
3:58				S8-1'		17												
4:00				S8-2'		18												
4:12				S8-3'		19												
4:18				S8-4'		20												
Additional Instructions: W/O # 21125189																		
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: Andrew Franco																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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 oC on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Andrew Franco		2-20-25	8:30	Michelle Gonzalez		2-21-25	9:00											
Michelle Gonzalez		2-21-25	2:30	Michelle Gonzalez		2-21-25	1430											
Michelle Gonzalez		2-21-25	1645	J.H.		2-21-25	1645											
J.H.		2-21-25	2:40	Caitlin		2-21-25	8:00											
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 14 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.																		

Noe Soto 2-22-25 0500

Envirotech Analytical Laboratory

Printed: 2/24/2025 3:05:15PM

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:	02/22/25 05:00	Work Order ID:	E502210
Phone:	(575) 631-6977	Date Logged In:	02/21/25 16:23	Logged In By:	Noe Soto
Email:		Due Date:	02/28/25 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: CourierComments/Resolution

No, of containers not provided on COC. Project Seawold 1-2 CTB 1 has been separated into multiple WOs due to high sample volume, WOs are E502209-E502212.

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.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E502211

Job Number: 01058-0007

Received: 2/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/25

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: 2/27/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Wolf 1-12 CTB 1
Workorder: E502211
Date Received: 2/22/2025 5:00:10AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/22/2025 5:00:10AM, under the Project Name: Sea Wolf 1-12 CTB 1.

The analytical test results summarized in this report with the Project Name: Sea Wolf 1-12 CTB 1 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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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SW2-3'	14
SW2-4'	15
SW3-SURFACE	16
SW3-1'	17
SW3-2'	18
SW3-3'	19
SW3-4'	20
SW4-SURFACE	21
SW4-1'	22
SW4-2'	23
SW4-3'	24
SW4-4'	25

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/27/25 09:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1-SURFACE	E502211-01A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW1-1'	E502211-02A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW1-2'	E502211-03A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW1-3'	E502211-04A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW1-4'	E502211-05A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW2-SURFACE	E502211-06A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW2-1'	E502211-07A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW2-2'	E502211-08A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW2-3'	E502211-09A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW2-4'	E502211-10A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW3-SURFACE	E502211-11A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW3-1'	E502211-12A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW3-2'	E502211-13A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW3-3'	E502211-14A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW3-4'	E502211-15A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW4-SURFACE	E502211-16A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW4-1'	E502211-17A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW4-2'	E502211-18A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW4-3'	E502211-19A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW4-4'	E502211-20A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW1-SURFACE

E502211-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/22/25	02/23/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/22/25	02/23/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	02/22/25	02/23/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/22/25	02/23/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/22/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/22/25	02/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW1-1'

E502211-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/22/25	
Surrogate: n-Nonane		106 %	61-141	02/22/25	02/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW1-2'

E502211-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/22/25	
Surrogate: n-Nonane		108 %	61-141	02/22/25	02/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW1-3'

E502211-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		131 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW1-4'

E502211-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/23/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/23/25	
Toluene	ND	0.0250	1	02/22/25	02/23/25	
o-Xylene	ND	0.0250	1	02/22/25	02/23/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/23/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/23/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	02/22/25	02/23/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		104 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW2-SURFACE

E502211-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2509013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/24/25	
Surrogate: n-Nonane		101 %	61-141	02/22/25	02/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW2-1'

E502211-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		114 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW2-2'

E502211-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		107 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW2-3'

E502211-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		104 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		108 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW2-4'

E502211-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		116 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW3-SURFACE

E502211-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		113 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW3-1'

E502211-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		111 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW3-2'

E502211-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		100 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		100 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		114 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW3-3'

E502211-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		111 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW3-4'

E502211-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		120 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW4-SURFACE

E502211-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		117 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW4-1'

E502211-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		112 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW4-2'

E502211-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		102 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		118 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW4-3'

E502211-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		117 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/27/2025 9:23:20AM

SW4-4'

E502211-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508131
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/22/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	02/22/25	02/24/25	
Surrogate: Toluene-d8		103 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508140
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
Surrogate: n-Nonane		109 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509018
Chloride	ND	20.0	1	02/24/25	02/24/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 9:23:20AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508131-BLK1)

Prepared: 02/22/25 Analyzed: 02/24/25

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	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2508131-BS1)

Prepared: 02/22/25 Analyzed: 02/24/25

Benzene	2.28	0.0250	2.50		91.2	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.4	70-130			
Toluene	2.44	0.0250	2.50		97.4	70-130			
o-Xylene	2.38	0.0250	2.50		95.4	70-130			
p,m-Xylene	4.92	0.0500	5.00		98.3	70-130			
Total Xylenes	7.30	0.0250	7.50		97.3	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike (2508131-MS1)

Source: E502211-06

Prepared: 02/22/25 Analyzed: 02/24/25

Benzene	2.37	0.0250	2.50	ND	94.6	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.6	45-135			
Toluene	2.56	0.0250	2.50	ND	102	48-130			
o-Xylene	2.54	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.26	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.80	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

Matrix Spike Dup (2508131-MSD1)

Source: E502211-06

Prepared: 02/22/25 Analyzed: 02/24/25

Benzene	2.33	0.0250	2.50	ND	93.1	48-131	1.60	23	
Ethylbenzene	2.39	0.0250	2.50	ND	95.5	45-135	2.11	27	
Toluene	2.48	0.0250	2.50	ND	99.1	48-130	3.04	24	
o-Xylene	2.54	0.0250	2.50	ND	102	43-135	0.0984	27	
p,m-Xylene	5.21	0.0500	5.00	ND	104	43-135	0.888	27	
Total Xylenes	7.75	0.0250	7.50	ND	103	43-135	0.630	27	
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 9:23:20AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508131-BLK1)

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2508131-BS2)

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	57.1	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike (2508131-MS2)

Source: E502211-06

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike Dup (2508131-MSD2)

Source: E502211-06

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130	2.16	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 9:23:20AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2508140-BLK1)

Prepared: 02/22/25 Analyzed: 02/22/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			

LCS (2508140-BS1)

Prepared: 02/22/25 Analyzed: 02/22/25

Diesel Range Organics (C10-C28)	259	25.0	250		103	66-144			
Surrogate: <i>n</i> -Nonane	52.6		50.0		105	61-141			

Matrix Spike (2508140-MS1)

Source: E502211-07

Prepared: 02/22/25 Analyzed: 02/22/25

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	56.5		50.0		113	61-141			

Matrix Spike Dup (2508140-MSD1)

Source: E502211-07

Prepared: 02/22/25 Analyzed: 02/22/25

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	2.59	20	
Surrogate: <i>n</i> -Nonane	53.2		50.0		106	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported: 2/27/2025 9:23:20AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

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 (2509013-BLK1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	61-141			

LCS (2509013-BS1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike (2509013-MS1)					Source: E502220-24		Prepared: 02/24/25 Analyzed: 02/24/25		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	56-156			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike Dup (2509013-MSD1)					Source: E502220-24		Prepared: 02/24/25 Analyzed: 02/24/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	1.75	20	
Surrogate: n-Nonane	51.5		50.0		103	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/27/2025 9:23:20AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2509018-BLK1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Chloride	ND	20.0							
LCS (2509018-BS1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2509018-MS1)					Source: E502211-01		Prepared: 02/24/25 Analyzed: 02/24/25		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2509018-MSD1)					Source: E502211-01		Prepared: 02/24/25 Analyzed: 02/24/25		
Chloride	254	20.0	250	ND	102	80-120	0.182	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 Wolf 1-12 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/27/25 09:23

- 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.



Chain of Custody

Page 5 of 9

E5021 Form 2/24/25

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#		Job Number				1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Seawolf 1-12 CTB 1				Address:		E25021		0058 0057							X	X			
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1															
Email: delrae@pimaoil.com																			
Sample Information							Analysis and Method							EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
4:20	2/20/2025	S		SW1-SURFACE		1						X							
4:24				SW1-1'		2													
4:28				SW1-2'		3													
4:30				SW1-3'		4													
4:32				SW1-4'		5													
4:37				SW2-SURFACE		6													
4:40				SW2-1'		7													
4:44				SW2-2'		8													
4:49				SW2-3'		9													
4:52				SW2-4'		10													
Additional Instructions: W/O # 21125189																			
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: Andrew Franco																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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 oC on subsequent days. Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>											
Andrew Franco		2-20-25	8:30	Karmelle		2-21-25	9:00												
Karmelle		2-21-25	2:30	Michelle Gonzalez		2-21-25	1430												
Michelle Gonzalez		2-21-25	1645	A.M.		2-21-25	1645												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
A.M.		2-21-25	2400	Caitlin		2-24-25	800												
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 14 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.																			

Noe Solb 2-22-25 0500

Chain of Custody

Page 6 of 9

ESD/CM 2/24/25

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: Seawolf 1-12 CTB 1				Address:		EZ	0088-0007				X	X						
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 N Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1														
Email: delrae@pimaoil.com																		
Sample Information							Analysis and Method							EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA
4:59	2/20/2025	S		SW3-SURFACE		11						X						
5:03				SW3-1'		12												
5:08				SW3-2'		13												
5:12				SW3-3'		14												
5:16				SW3-4'		15												
5:20				SW4-SURFACE		16												
5:25				SW4-1'		17												
5:29				SW4-2'		18												
5:33				SW4-3'		19												
5:38				SW4-4'		20												
Additional Instructions: W/O # 21125189																		
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: Andrew Franco																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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 oC on subsequent days. Received on Ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>										
Andrew Franco		2/20/25	8:30	Karime Abame		2-21-25	9:00											
Karime Abame		2/21/25	2:30	Michelle Gonzales		2-21-25	1430											
Michelle Gonzales		2-21-25	1645	J.H.		2-21-25	1645											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
J.H.		2-21-25	2405	Caitlin Mass		2/24/25	800											
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 14 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.																		

Noe Solo 2-22-25 0500

Envirotech Analytical Laboratory

Printed: 2/24/2025 3:06:29PM

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:	02/22/25 05:00	Work Order ID:	E502211
Phone:	(575) 631-6977	Date Logged In:	02/21/25 16:24	Logged In By:	Noe Soto
Email:		Due Date:	02/28/25 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? 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 InstructionComments/Resolution

No, of containers not provided on COC. Project Seawold 1-2 CTB 1 has been separated into multiple WOs due to high sample volume, WOs are E502209-E502212.

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

Date



envirotech Inc.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E502212

Job Number: 01058-0007

Received: 2/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/28/25

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.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/28/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Sea Wolf 1-12 CTB 1
Workorder: E502212
Date Received: 2/22/2025 5:00:10AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/22/2025 5:00:10AM, under the Project Name: Sea Wolf 1-12 CTB 1.

The analytical test results summarized in this report with the Project Name: Sea Wolf 1-12 CTB 1 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 Wolf 1-12 CTB 1	Reported: 02/28/25 14:15
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW5-SURFACE	E502212-01A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW5-1'	E502212-02A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW5-2'	E502212-03A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW5-3'	E502212-04A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW5-4'	E502212-05A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW6-SURFACE	E502212-06A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW6-1'	E502212-07A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW6-2'	E502212-08A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW6-3'	E502212-09A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW6-4'	E502212-10A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW7-SURFACE	E502212-11A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW7-1'	E502212-12A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW7-2'	E502212-13A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW7-3'	E502212-14A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW7-4'	E502212-15A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW8-SURFACE	E502212-16A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW8-1'	E502212-17A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW8-2'	E502212-18A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW8-3'	E502212-19A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
SW8-4'	E502212-20A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.
BG1-1'	E502212-21A	Soil	02/20/25	02/22/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW5-SURFACE

E502212-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.0 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW5-1'

E502212-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW5-2'

E502212-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.6 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW5-3'

E502212-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.5 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW5-4'

E502212-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.4 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW6-SURFACE

E502212-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	80.8 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW6-1'

E502212-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.1 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW6-2'

E502212-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW6-3'

E502212-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.1 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW6-4'

E502212-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.9 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW7-SURFACE

E502212-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.3 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW7-1'

E502212-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.5 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW7-2'

E502212-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.0 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW7-3'

E502212-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.4 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW7-4'

E502212-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.0 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.6 %	70-130	02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW8-SURFACE

E502212-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.2 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW8-1'

E502212-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW8-2'

E502212-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.4 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW8-3'

E502212-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508132
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508141
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2509020
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

SW8-4'

E502212-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Benzene	ND	0.0250	1	02/22/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/22/25	02/24/25	
Toluene	ND	0.0250	1	02/22/25	02/24/25	
o-Xylene	ND	0.0250	1	02/22/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/22/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/22/25	02/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.8 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/22/25	02/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		02/22/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2508141	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/22/25	02/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/22/25	02/23/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		02/22/25	02/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509020	
Chloride	ND	20.0	1	02/24/25	02/24/25	



Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
2/28/2025 2:15:49PM

BG1-1'

E502212-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2509015
Benzene	ND	0.0250	1	02/24/25	02/24/25	
Ethylbenzene	ND	0.0250	1	02/24/25	02/24/25	
Toluene	ND	0.0250	1	02/24/25	02/24/25	
o-Xylene	ND	0.0250	1	02/24/25	02/24/25	
p,m-Xylene	ND	0.0500	1	02/24/25	02/24/25	
Total Xylenes	ND	0.0250	1	02/24/25	02/24/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/24/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		02/24/25	02/24/25	
Surrogate: Toluene-d8	96.9 %	70-130		02/24/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2509015
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/25	02/24/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/24/25	02/24/25	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		02/24/25	02/24/25	
Surrogate: Toluene-d8	96.9 %	70-130		02/24/25	02/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/25	02/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/25	02/24/25	
Surrogate: n-Nonane	103 %	61-141		02/24/25	02/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509033
Chloride	ND	20.0	1	02/25/25	02/27/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

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 (2509015-BLK1)

Prepared: 02/24/25 Analyzed: 02/24/25

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	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

LCS (2509015-BS1)

Prepared: 02/24/25 Analyzed: 02/24/25

Benzene	2.22	0.0250	2.50		88.9	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.2	70-130			
Toluene	2.22	0.0250	2.50		88.7	70-130			
o-Xylene	2.28	0.0250	2.50		91.0	70-130			
p,m-Xylene	4.55	0.0500	5.00		91.1	70-130			
Total Xylenes	6.83	0.0250	7.50		91.1	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

Matrix Spike (2509015-MS1)

Source: E502220-24

Prepared: 02/24/25 Analyzed: 02/24/25

Benzene	2.14	0.0250	2.50	ND	85.7	48-131			
Ethylbenzene	2.17	0.0250	2.50	ND	87.0	45-135			
Toluene	2.10	0.0250	2.50	ND	84.1	48-130			
o-Xylene	2.06	0.0250	2.50	ND	82.6	43-135			
p,m-Xylene	4.11	0.0500	5.00	ND	82.1	43-135			
Total Xylenes	6.17	0.0250	7.50	ND	82.3	43-135			
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.471		0.500		94.1	70-130			

Matrix Spike Dup (2509015-MSD1)

Source: E502220-24

Prepared: 02/24/25 Analyzed: 02/24/25

Benzene	2.12	0.0250	2.50	ND	84.9	48-131	0.937	23	
Ethylbenzene	2.25	0.0250	2.50	ND	90.1	45-135	3.52	27	
Toluene	2.16	0.0250	2.50	ND	86.3	48-130	2.63	24	
o-Xylene	2.23	0.0250	2.50	ND	89.3	43-135	7.87	27	
p,m-Xylene	4.49	0.0500	5.00	ND	89.8	43-135	8.99	27	
Total Xylenes	6.73	0.0250	7.50	ND	89.7	43-135	8.62	27	
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508132-BLK1)

Prepared: 02/22/25 Analyzed: 02/24/25

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	6.10		8.00		76.3	70-130			

LCS (2508132-BS1)

Prepared: 02/22/25 Analyzed: 02/24/25

Benzene	4.65	0.0250	5.00		93.0	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.69	0.0250	5.00		93.9	70-130			
o-Xylene	4.59	0.0250	5.00		91.8	70-130			
p,m-Xylene	9.39	0.0500	10.0		93.9	70-130			
Total Xylenes	14.0	0.0250	15.0		93.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.40		8.00		80.0	70-130			

Matrix Spike (2508132-MS1)

Source: E502212-05

Prepared: 02/22/25 Analyzed: 02/24/25

Benzene	4.61	0.0250	5.00	ND	92.1	54-133			
Ethylbenzene	4.59	0.0250	5.00	ND	91.7	61-133			
Toluene	4.66	0.0250	5.00	ND	93.1	61-130			
o-Xylene	4.58	0.0250	5.00	ND	91.7	63-131			
p,m-Xylene	9.33	0.0500	10.0	ND	93.3	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.53		8.00		81.6	70-130			

Matrix Spike Dup (2508132-MSD1)

Source: E502212-05

Prepared: 02/22/25 Analyzed: 02/24/25

Benzene	4.71	0.0250	5.00	ND	94.2	54-133	2.19	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	61-133	2.71	20	
Toluene	4.76	0.0250	5.00	ND	95.2	61-130	2.16	20	
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131	2.75	20	
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131	2.62	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.3	63-131	2.66	20	
Surrogate: 4-Bromochlorobenzene-PID	6.53		8.00		81.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2508132-BLK1)

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

LCS (2508132-BS2)

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike (2508132-MS2)

Source: E502212-05

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	ND	87.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2508132-MSD2)

Source: E502212-05

Prepared: 02/22/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.4	70-130	2.42	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

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 (2509015-BLK1)

Prepared: 02/24/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

LCS (2509015-BS2)

Prepared: 02/24/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.7	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

Matrix Spike (2509015-MS2)

Source: E502220-24

Prepared: 02/24/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

Matrix Spike Dup (2509015-MSD2)

Source: E502220-24

Prepared: 02/24/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130	3.70	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2508141-BLK1)					Prepared: 02/22/25 Analyzed: 02/23/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.8		50.0		120	61-141			

LCS (2508141-BS1)					Prepared: 02/22/25 Analyzed: 02/23/25				
Diesel Range Organics (C10-C28)	285	25.0	250		114	66-144			
Surrogate: n-Nonane	57.5		50.0		115	61-141			

Matrix Spike (2508141-MS1)					Source: E502212-06		Prepared: 02/22/25 Analyzed: 02/23/25		
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	54.5		50.0		109	61-141			

Matrix Spike Dup (2508141-MSD1)					Source: E502212-06		Prepared: 02/22/25 Analyzed: 02/23/25		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156	1.32	20	
Surrogate: n-Nonane	54.3		50.0		109	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

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 (2509013-BLK1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	61-141			

LCS (2509013-BS1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike (2509013-MS1)					Source: E502220-24		Prepared: 02/24/25 Analyzed: 02/24/25		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	56-156			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike Dup (2509013-MSD1)					Source: E502220-24		Prepared: 02/24/25 Analyzed: 02/24/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	1.75	20	
Surrogate: n-Nonane	51.5		50.0		103	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2509020-BLK1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Chloride	ND	20.0							
LCS (2509020-BS1)					Prepared: 02/24/25 Analyzed: 02/24/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2509020-MS1)					Source: E502212-05		Prepared: 02/24/25 Analyzed: 02/24/25		
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2509020-MSD1)					Source: E502212-05		Prepared: 02/24/25 Analyzed: 02/24/25		
Chloride	256	20.0	250	ND	102	80-120	0.0168	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/28/2025 2:15:49PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509033-BLK1)					Prepared: 02/25/25 Analyzed: 02/25/25				
Chloride	ND	20.0							
LCS (2509033-BS1)					Prepared: 02/25/25 Analyzed: 02/25/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2509033-MS1)					Source: E502224-02		Prepared: 02/25/25 Analyzed: 02/25/25		
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2509033-MSD1)					Source: E502224-02		Prepared: 02/25/25 Analyzed: 02/25/25		
Chloride	261	20.0	250	ND	104	80-120	1.34	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 Wolf 1-12 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/28/25 14:15

- 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.



Chain of Custody

Page 7 of 9

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Seawolf 1-12 CTB 1				Address:		E50212	0058-007				X	X							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1															
Email: delrae@pimaoil.com																			
Sample Information							Analysis and Method							EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCED 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
5:40	2/20/2025	S		SW5-SURFACE		1						X							
5:46				SW5-1'		2													
5:49				SW5-2'		3													
5:53				SW5-3'		4													
5:58				SW5-4'		5													
6:09				SW6-SURFACE		6													
6:12				SW6-1'		7													
6:15				SW6-2'		8													
6:19				SW6-3'		9													
6:20				SW6-4'		10													
Additional Instructions: W/O # 21125189																			
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: Andrew Franco																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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 oC on subsequent days. Received on ice: <u>Y</u> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>											
Andrew Franco		2-20-25	8:30	Karime Adams		2/21/25	9:00												
Karime Adams		2-21-25	2:30	Michelle Gonzales		2-21-25	1430												
Michelle Gonzales		2-21-25	1645	J.H.		2-21-25	1645												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
J.H.		2-21-25	2400	Caitlin Mann		2-24-25	800												
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 14 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.																			

Noc Soto 2-22-25 0500

Chain of Custody

Page 8 of 9

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO# E502212		Job Number 01058.007		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Seawolf 1-12 CTB 1				Address:										X					
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. #1-216-1															
Email: delrae@pimaoil.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Plg	SDWA	CWA	RCRA	
6:25	2/20/2025	S		SW7-SURFACE		11						X							
6:29				SW7-1'		12													
6:32				SW7-2'		13													
6:37				SW7-3'		14													
6:40				SW7-4'		15													
6:45				SW8-SURFACE		16													
6:49				SW8-1'		17													
6:53				SW8-2'		18													
6:59				SW8-3'		19													
7:03				SW8-4'		20													
Additional Instructions: W/O # 21125189																			
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: Andrew Franco																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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 oC on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Andrew Franco		2/20/25	8:30	Karime Abame		2/21/25	9:00												
Andrew Franco		2/21/25	2:30	Michelle Gonzales		2-21-25	1430												
Michelle Gonzales		2-21-25	1645	J. N.		2.21.25	1645												
J. N.		2.21.25	2400	Caitlin Hawn		2-21-25	800												
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 14 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.																			

Noe Soto 2-22-25 0500

Chain of Custody

[illegible]

Noe Soto 2-22-25 0500

Envirotech Analytical Laboratory

Printed: 2/24/2025 3:07:52PM

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:	02/22/25 05:00	Work Order ID:	E502212
Phone:	(575) 631-6977	Date Logged In:	02/21/25 16:24	Logged In By:	Noe Soto
Email:		Due Date:	02/28/25 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? 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 InstructionComments/Resolution

No, of containers not provided on COC. Project Seawold 1-2 CTB 1 has been separated into multiple WOs due to high sample volume, WOs are E502209-E502212.

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

Date



envirotech Inc.

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QUESTIONS

Action 443918

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443918
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2102637490
Incident Name	NAPP2102637490 SEAWOLF 1-12 CTB 1 @ 30-025-43765
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-43765] SEAWOLF 1 12 FEDERAL #084H

Location of Release Source

Please answer all the questions in this group.

Site Name	SEAWOLF 1-12 CTB 1
Date Release Discovered	01/10/2021
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water 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	Not answered.
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 9 BBL Recovered: 5 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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 443918

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443918
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
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	The spill was not in containment.

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: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 03/19/2025
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QUESTIONS, Page 3

Action 443918

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443918
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>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.</i>	
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 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	27400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	27401
GRO+DRO (EPA SW-846 Method 8015M)	19412
BTEX (EPA SW-846 Method 8021B or 8260B)	36.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	04/19/2025
On what date will (or did) the final sampling or liner inspection occur	04/30/2025
On what date will (or was) the remediation complete(d)	05/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	800
What is the estimated volume (in cubic yards) that will be reclaimed	38
What is the estimated surface area (in square feet) that will be remediated	800
What is the estimated volume (in cubic yards) that will be remediated	38
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 443918

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443918
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 03/19/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 443918

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443918
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 443918

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443918
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	433040
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/20/2025
What was the (estimated) number of samples that were to be gathered	81
What was the sampling surface area in square feet	3000

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	No
--	----

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CONDITIONS

Action 443918

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443918
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation plan is approved as written except with the following condition; 1. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, Devon must collect a minimum of one (1) 5 point composite from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. 2. Devon has 90-days (July 14, 2025) to submit to OCD its appropriate or final remediation closure report.	4/15/2025