Spil	Spill Volume(Bbls) Calculator							
Inputs in blue, Outputs in red								
Cor	ntaminated S	Soil measurement						
Area (squ	are feet)	Depth(inches)						
<u>1722</u> .	916	<u>1.000</u>						
Cubic Feet of S	oil Impacted	<u>143.576</u>						
Barrels of So	il Impacted	<u>25.59</u>						
Soil T	ype	Clay/Sand						
Barrels of Oi 100% Sat	7.96(1)	<u>3.84</u>						
Saturation	Fluid p	resent when squeezed						
Estimated Ba Relea		1.92						
	Free Standi	ng Fluid Only						
Area (squ	are feet)	Depth(inches)						
<u>1722</u>	916	0.750						
Standin	g fluid	19.195						
Total fluid	s spilled	23.034						



SEAWOLF 1-12 CTB 1

Devon Energy

Seawolf 1-12 CTB 1

NAPP2303755349 Facility ID fAPP2130627287

Prepared By: Pima Environmental Services, LLC

Prepared For: Devon Energy Production, LP

SEPTEMBER 23, 2024

PIMA ENVIRONMENTAL SERVICES, LLC 5614 N Lovington Hwy, Hobbs, NM 88240



September 23, 2024

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

Re: Site Assessment and Closure Report

Seawolf 1-12 CTB 1 API No. N/A

GPS: Latitude 32.077028, Longitude -103.526702

UL "C", Sec.1, T26S, R33E

Lea County, NM

NMOCD Ref. No. NAPP2303755349

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment and has prepared this Closure Report for a produced water release that occurred at the Seawolf 1-12 CTB 1 (Seawolf). The initial C-141 was submitted on February 21, 2023. This incident was assigned Incident ID NAPP2303755349, by the New Mexico Oil Conservation Division (NMOCD).

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 32.077028, Longitude -103.526702, 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).

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 positioned 1.24 miles east of the Seawolf. The groundwater information from C-04790-POD1, which is located approximately 0.20 miles northeast 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 well bore was left open for the required 72-hour time frame then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on June 13, 2022. Depth to groundwater at the Seawolf will be classified as 51-100' bgs. The closest waterway is Red Bluff Reservoir located approximately 24.29 miles to the southwest of this location. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

Table 1 NMAC and Closure Criteria 19.15.29								
Depth to		Cons	tituent & Limits					
Groundwater (Appendix B)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene			
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg			
51-100′	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg			
>100′	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg			

Reference Figure 2 for a Topographic map.



Release Information

<u>NAPP2303755349</u> On February 6, 2023, a waterline developed a leak, causing fluid to be released. The released fluids were calculated to be approximately 23 barrels (bbls) of produced water, Vacuum trucks were able to recover approximately 20 bbls of standing fluid.

Site Assessment and Soil Sampling Results

On April 20, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

4/20/23 Soil Sample Results

4/20/23 Soil Sample Results								
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') DEVON ENERGY -SEAWOLF 1-12 CTB 1								
Sample Date: 4/20/23 NM Approved Laboratory Results								
	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	1'	ND	ND	ND	ND	ND	0	101
S-1	2'	ND	ND	ND	ND	ND	0	649
0.1	3'	ND	ND	ND	ND	ND	0	3130
	4'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	1400
S-2	2'	ND	ND	ND	ND	ND	0	618
	3'	ND	ND	ND	ND	ND	0	522
	4'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	93.4
S-3	2'	ND	ND	ND	ND	ND	0	574
	3'	ND	ND	ND	ND	ND	0	643
	4' 1'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND 38.6
	2'	ND	ND	ND	ND	ND	0	564
S-4	3'	ND	ND ND	ND	ND	ND	0	404
	4'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	168
	2'	ND	ND	ND	ND	ND	0	629
S-5	3'	ND	ND	ND	ND	ND	0	293
	4'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	298
	2'	ND	ND	ND	ND	ND	0	652
S-6	3'	ND	ND	ND	ND	ND	0	283
	4'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	84.4
S-7	2'	ND	ND	ND	ND	ND	0	525
3-7	3'	ND	ND	ND	ND	ND	0	347
	4'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	92
S-8	2'	ND	ND	ND	ND	ND	0	660
	3'	ND	ND	ND	ND	ND	0	376
	4'	ND	ND	ND	ND	ND	0	ND
	1' 2'	ND	ND	ND	ND	ND	0	95.1
S-9	3'	ND ND	ND ND	ND ND	ND ND	ND ND	0	619 297
	4'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	66.8
	2'	ND	ND	ND	ND	ND	ō	659
S-10	3'	ND	ND	ND	ND	ND	ō	327
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
SW 5	6"	ND	ND	ND	ND	ND	0	ND
SW 6	6"	ND	ND	ND	ND	ND	0	ND
SW 7	6"	ND	ND	ND	ND	ND	0	ND
SW 8	6"	ND	ND	ND	ND	ND	0	ND
SW 9	6"	ND	ND	ND	ND	ND	0	ND
SW 10	6"	ND	ND	ND	ND	ND	0	ND
SW 11	6"	ND	ND	ND	ND	ND	0	ND
SW 12	6"	ND	ND	ND	ND	ND	0	ND
SW 13	6"	ND	ND	ND	ND	ND	0	ND
SW 14	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory results can be found in Appendix E.

Remediation Activities

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, Devon Construction Department mobilized personnel and equipment to conduct a scrape to remove surface staining. No further remediation activities are required at this time. The contaminated surface soil was hauled to R-360 Environmental Solutions, an approved, lined disposal facility.

required.



Countermeasures due to Rejection: (214780)

On August 07, 2023, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) NAPP2303755349 for the following reasons:

- Failed to notify OCD of Subparagraph c of Paragraph 1 of 19.15.29.12C NMAC. The responsible party (RP) must submit to the division a closure report on form C-141, including required attachments, to document all closure activities including sampling results and the details on any backfilling, capping or covering, where applicable. The final report must include: a description of all remedial activities (per 19.15.29.12E (1d) NMAC. I stipulated 19.15.29.12C (1c) NMAC which states, "The responsible party must submit a detailed description of proposed remediation measures in accordance with the findings of the site assessment/characterization plan that includes: (1c) estimated volume of impacted material to be remediated. OCD requires the RP to list the approved, lined disposal facility and the quantity disposed. According to Devon personnel, they scrapped and removed 20 yards of surface staining and disposed of the material at R-360 Environmental Solutions, an approved, lined disposal facility. Further remedial activities were not
- Failed to comply with Subparagraph a of Paragraph 1 of 19.15.29.12D NMAC. The RP did not notify the incident group within 2 business days prior to conducting final sampling. Final sampling includes any delineation point(s) used toward final closure. After submitting a 48-Hour Sampling Notification (Appendix C) Pima Environmental returned to the Seawolf on September 6, 2024, to conduct a confirmation sampling event. Pima collected ten bottom samples at surface, 1', 2', 3' and 4' labeled CS1-CS10 and six 5-point composite sidewall samples at surface, 1', 2', 3', and 4' labeled CSW1-CSW6. One background sample was collected labeled BG1. A Confirmation Sample Map can be found in Figure 5. Laboratory results from this sampling event can be found in the following data table.
- Failed to supply photos per Subparagraph b of Paragraph 1 of 19.15.29.12E NMAC. The RP did not provide photos of areas "scraped to remove surface staining". These photos are a factor in the report and demonstrate a part of the "big picture" toward achieving the final results. Photos of areas that were scrapped have been added to the closure report.
- Failed to comply with Subparagraph a of Paragraph 1 19.15.29 13D NMAC. Bullet #4 was inserted in the rejection based on a misinterpretation of 19.15.29.13D. Please disregard and follow those items listed above.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 214780. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141."

	9-6-24 Confirmation Sample Results										
NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')										
	DEVON ENERGY Sea Wolf 1-12 CTB 1										
Date: 9-6-2	Date: 9-6-24 NM Approved Laboratory Results										
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg			
	0'	ND	ND	ND	ND	ND	0	ND			
	1'	ND	ND	ND	ND	ND	0	ND			
CS1	2'	ND	ND	ND	ND	ND	0	ND			
	3'	ND	ND	ND	ND	ND	0	ND			
	4'	ND	ND	ND	ND	ND	0	ND			



NM	OCD Table	1 Closure	Criteria 19	9.15.29 N	MAC (Dep	th to Grou	undwater is	51-100')	
DEVON ENERGY Sea Wolf 1-12 CTB 1									
Date: 9-6-2	Date: 9-6-24 NM Approved Laboratory Results								
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS2	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS3	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS4	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS5	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS6	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS7	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS8	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	



NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
	DEVON ENERGY Sea Wolf 1-12 CTB 1								
Date: 9-6-24 NM Approved Laboratory Results									
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS9	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
	0'	ND	ND	ND	ND	ND	0	ND	
	1'	ND	ND	ND	ND	ND	0	ND	
CS10	2'	ND	ND	ND	ND	ND	0	ND	
	3'	ND	ND	ND	ND	ND	0	ND	
	4'	ND	ND	ND	ND	ND	0	ND	
CSW1	(0-4') Comp.	ND	ND	ND	ND	ND	0	ND	
CSW2	(0-4') Comp.	ND	ND	ND	ND	ND	0	ND	
CSW3	(0-4') Comp.	ND	ND	ND	ND	ND	0	ND	
CSW4	(0-4') Comp.	ND	ND	ND	ND	ND	0	ND	
CSW5	(0-4') Comp.	ND	ND	ND	ND	ND	0	ND	
CSW6	(0-4') Comp.	ND	ND	ND	ND	ND	0	ND	
BG1	1'	ND	ND	ND	ND	ND	0	ND	

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NAPP2303755349, be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact DelRae Geller at 575-724-5391 or delrae@pimaoil.com.



Respectfully,

DelRae Geller

DelRae Geller Project Manager Pima Environmental Services, LLC.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Sample Map

Appendices:

Appendix A - Referenced Water Surveys

Appendix B - Soil Survey and Geological Data

Appendix C - 48-Hour Sampling Notification

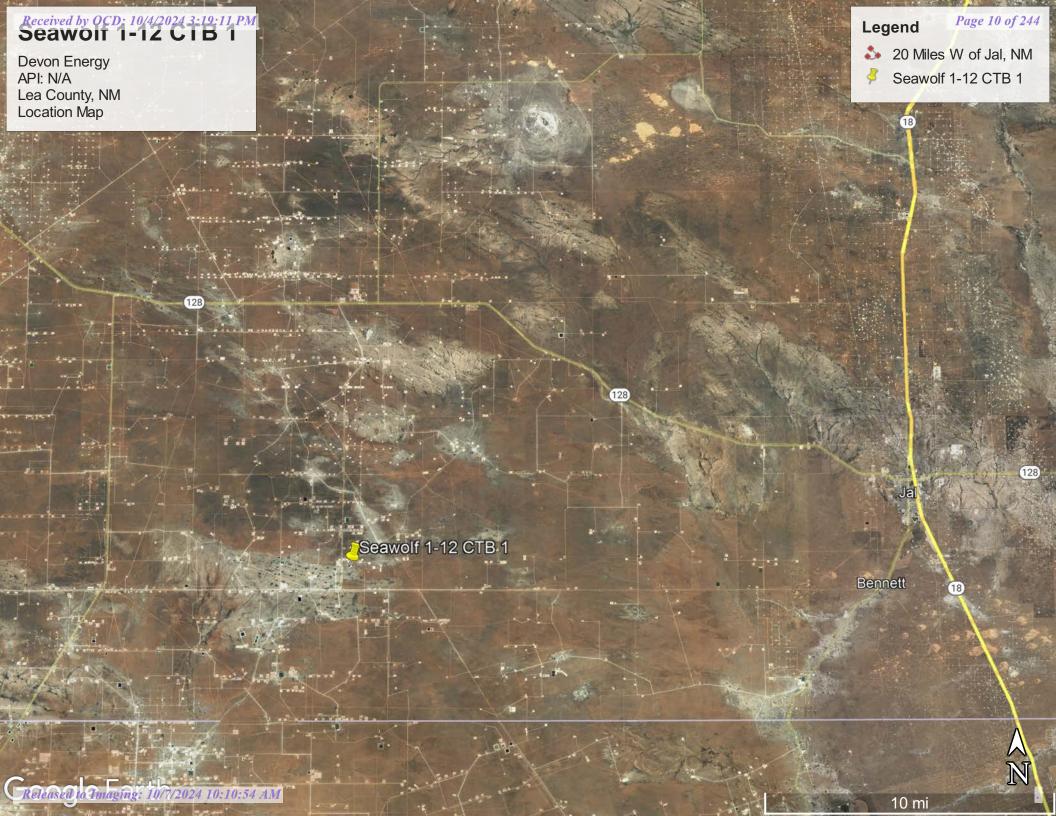
Appendix D- Photographic Documentation

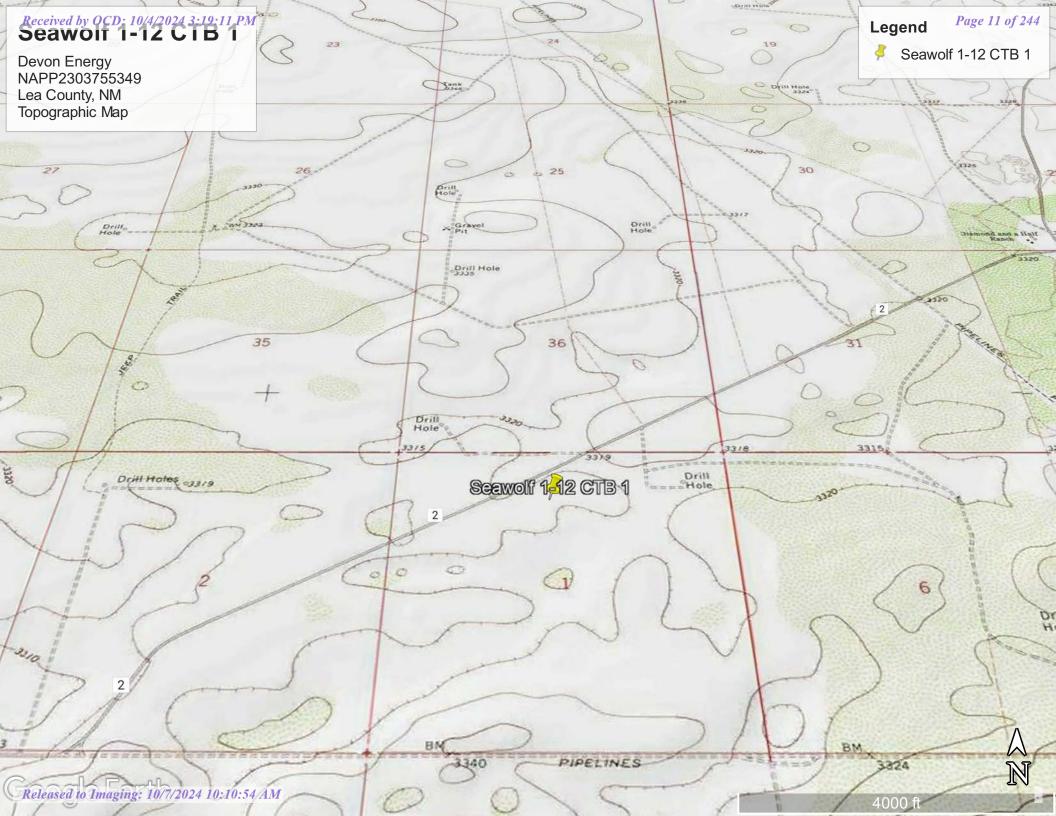
Appendix E - Laboratory Reports

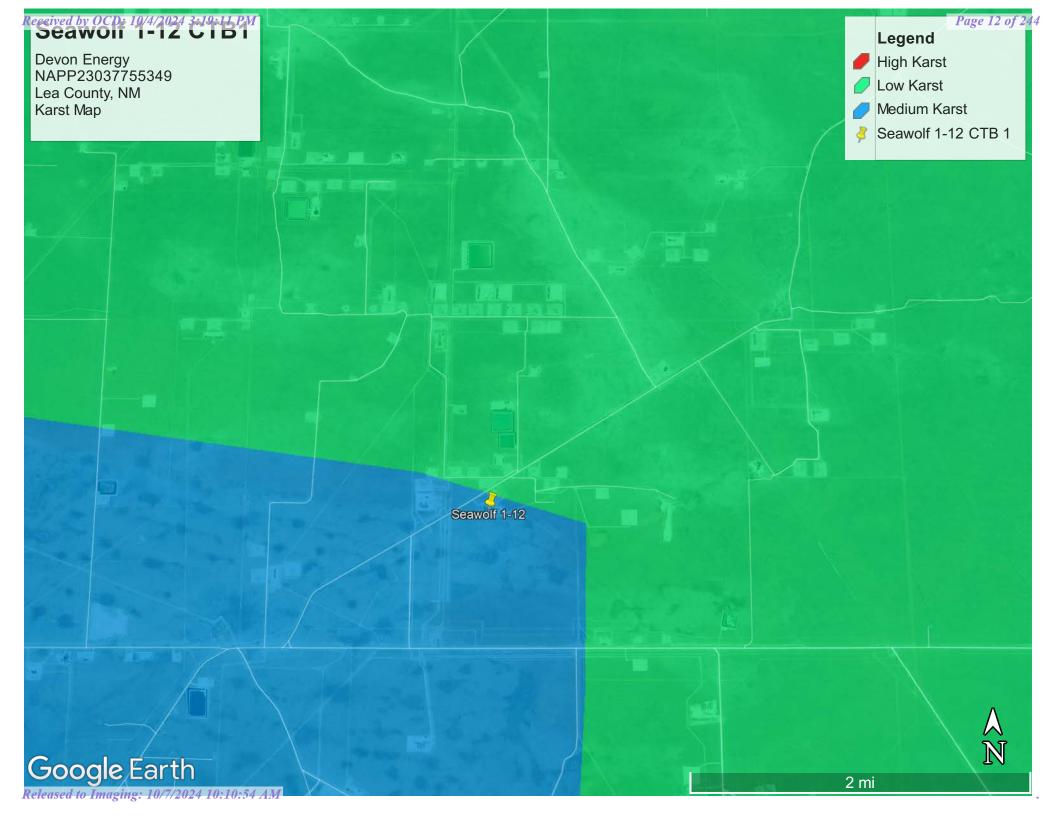


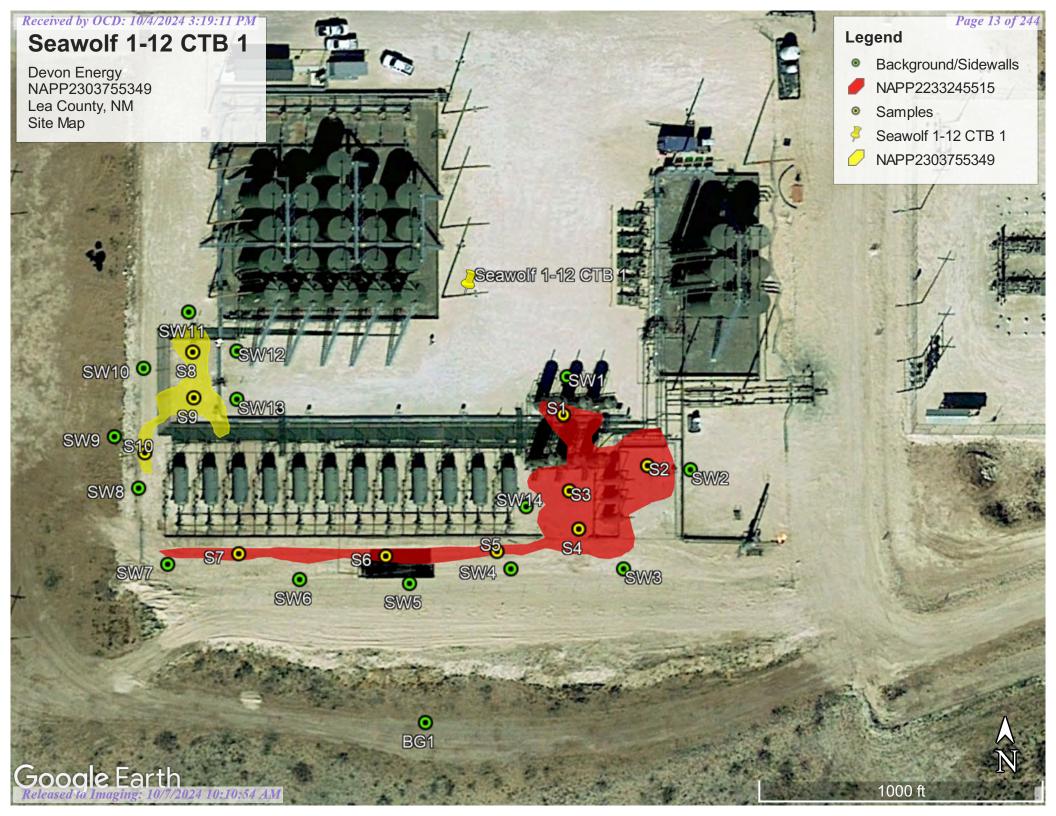
Figures:

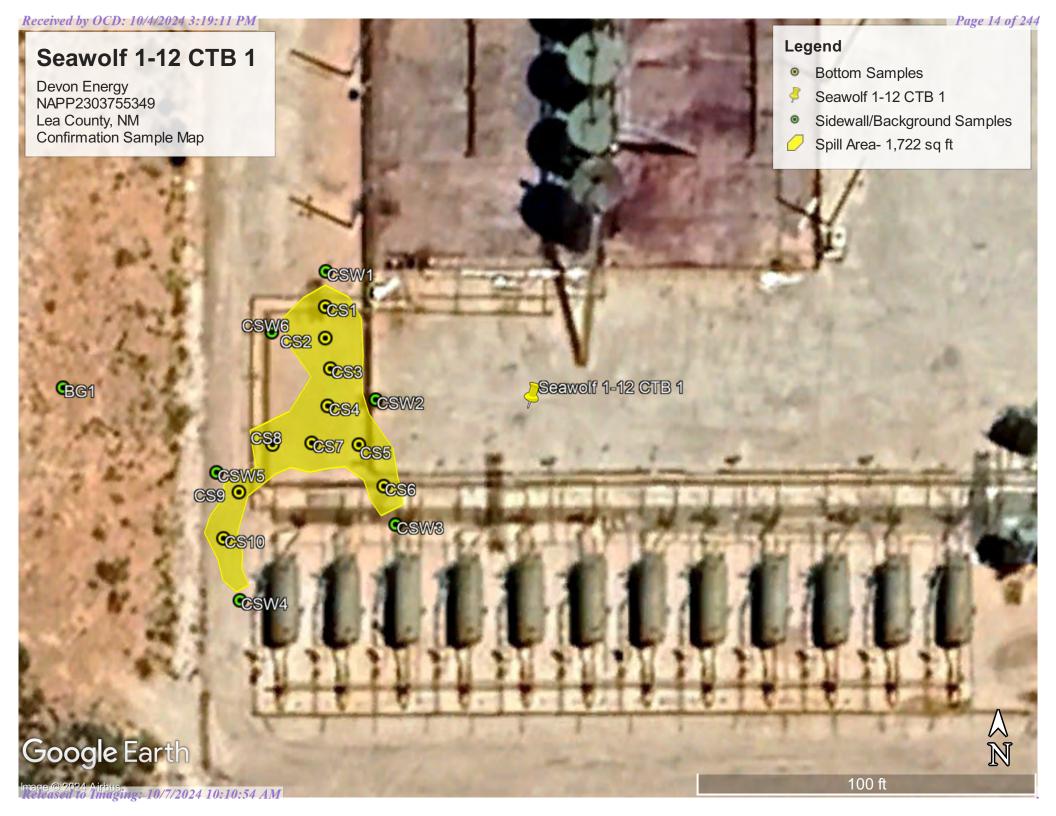
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Site Map
- 5-Confirmation Sample Map













Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

DOD

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

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

(In feet)

		POD													
POD Number	Code	Sub-	County	_	Q 16	_		Twe	Dna	X	Y	DistanceDo	pthWellDep		Vater
C 04628 POD1	Code	CUB	LE		1			26S	33E	639121	3550219	313	рипучендер	ın water C	Jiumm
<u>C 02291</u>		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		
<u>C 02295</u>		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
<u>C 02288</u>		CUB	LE	4	4	4	03	26S	33E	636646	3548758	2674	220	180	40
<u>C 02289</u>		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	2742	200	160	40
<u>C 02290</u>		CUB	LE	4	4	4	03	26S	33E	636538	3548770	2767	200	160	40
<u>C 02286</u>		CUB	LE	3	4	4	03	26S	33E	636470	3548714	2853	220	175	45
<u>C 02287</u>		C	LE	3	4	4	03	26S	33E	636427	3548708	2894	220		
<u>C 02313</u>		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	3022	150	110	40
<u>C 02294</u>		CUB	LE	4	4	3	11	26S	33E	637465	3547003	3317	200	145	55
<u>C 02293</u>		CUB	LE	2	2	1	14	26S	33E	637501	3546975	3325	200	135	65
<u>C 02316</u>		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	3590	100	50	50
<u>C 02317</u>		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			
											Averag	ge Depth to Wa	ter:	145 fe	et

Average Depth to Water: 145 feet

Minimum Depth: 50 feet

Maximum Depth: 220 feet

Record Count: 18

<u>UTMNAD83 Radius Search (in meters):</u>

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

NA C 04628 POD1 26S 639121 3550219

Driller License: 1249 **Driller Company:**

ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE ATKINS

Drill Start Date: 06/09/2022 Log File Date: 06/16/2022 **Drill Finish Date:**

06/09/2022

Plug Date:

PCW Rcv Date:

Source:

Pump Type: Casing Size: Pipe Discharge Size:

Estimated Yield:

Depth Well:

Depth Water:

Casing Perforations:

Top **Bottom**

55

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.

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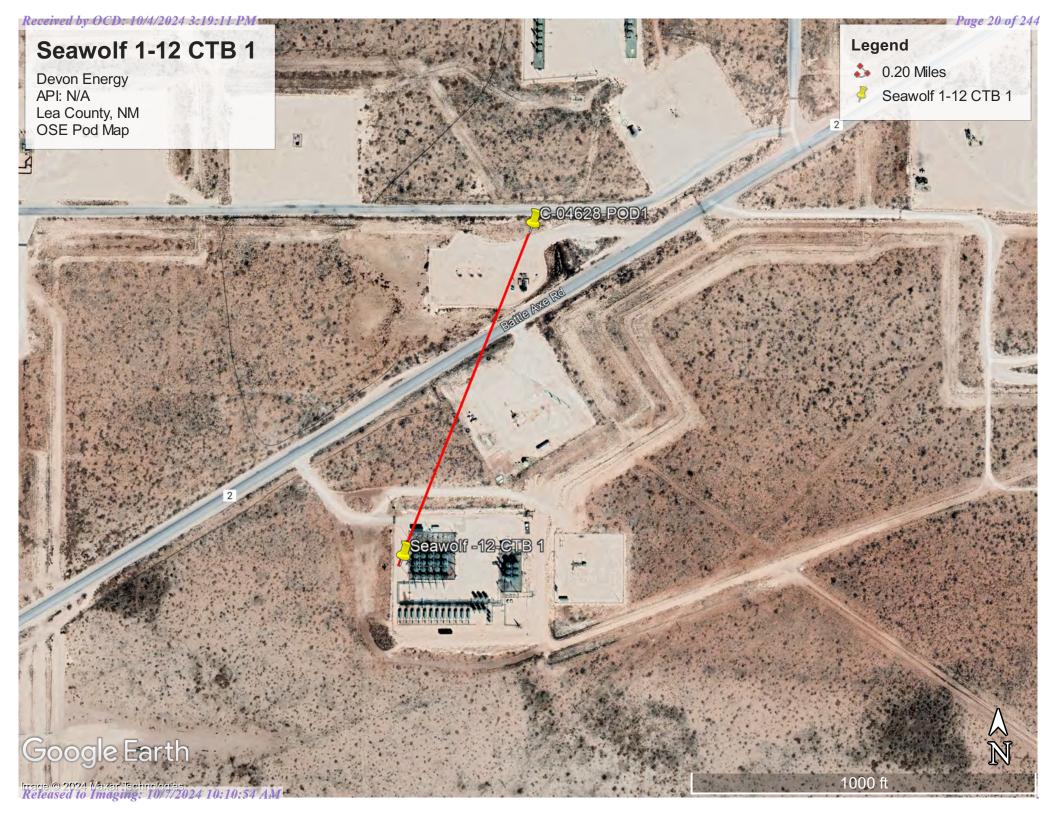
5/3/23 2:21 PM

POINT OF DIVERSION SUMMARY



NC	OSE POD NO. (V POD 1 (TW-		.)		WELL TAG ID NO N/A	0.		OSE FI		8).			
CATIC	WELL OWNER Devon Energ							PHONE 575-74	W. 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X (* 3 . 5).			
GENERAL AND WELL LOCATION	WELL OWNER 6488 7 River							CITY	a		STATE NM	88210	ZIP
L AND V	WELL	1	DE	GREES 32	MINUTES 4	SECOND 46.64		* ACC	URACY	REQUIRED: ONE TENT	H OF A	SECOND	
VERA	(FROM GPS)		NGITUDE	103	31	34.28		• DAT	UM REC	QUIRED: WGS 84			
1. GE			NG WELL LOCATION TO T26S R33S NMPM	STREET ADDR	RESS AND COMMO	ON LANDMAR	KS – PLS	SS (SECTI	ON, TO	WNSHJIP, RANGE) WH	ERE AV	AILABLE	
	LICENSE NO. 1249		NAME OF LICENSED		Jackie D. Atkin	ıs				NAME OF WELL DRI Atkins Eng		COMPANY g Associates, I	nc.
	DRILLING STA 6/9/202		DRILLING ENDED 6/9/2022		MPLETED WELL ((FT)		±55	H (FT)	DEPTH WATER FIRS	T ENCO		
z	COMPLETED W	ELL IS:	ARTESIAN	✓ DRY HOL	E SHALL	OW (UNCON	FINED)	I		WATER LEVEL PLETED WELL N	'A	DATE STATIC	
ATIO	DRILLING FLU	D:	☐ AIR	☐ MUD	ADDIT	IVES – SPECII	Y:	,					
ORM	DRILLING MET	нор: [ROTARY HAM	MER CABI	LE TOOL 🗸 OT	HER – SPECII	Y: I	Hollow	Stem A	Auger CHECK INSTAL	HERE IF LED	PITLESS ADA	PTER IS
2. DRILLING & CASING INFORMATION	DEPTH (fe	TO	BORE HOLE DIAM (inches)	(include	MATERIAL AN GRADE each casing string sections of screen	g, and	CON	ASING NECTIO TYPE		CASING INSIDE DIAM. (inches)	TH	ING WALL ICKNESS (inches)	SLOT SIZE (inches)
& CA	0	55	±6.5		Boring-HSA	1)	add coup	oling diam	eter)	***			-
LING													
DRIL													
7.										OSE DII JUN	1620	022 PM3(1)	
	DEPTH (fe	et bgl)	BORE HOLE	LI	ST ANNULAR S	SEAL MAT	ERIAL	AND		AMOUNT		метно	D OF
RIAL	FROM	то	DIAM. (inches)	GRA	VEL PACK SIZ	E-RANGE I	Y INTI	ERVAL		(cubic feet)		PLACEN	MENT
ANNULAR MATERIAL											+		
ARM													
NUL											-		-
3. A.													
												3 Te 1	
	OSE INTERNA	L USE			POD N	IO.		-	WR-20	WELL RECORD &	& LOG	(Version 01/2	8/2022)
-	CATION				1.001			WELL:				PAGE	1 OF 2

	DEPTH (f	eet bgl)	lana.	COLOR AN	D TYPE OF MATERIA	AL ENCOUNTERED -		WATER	ESTIMATED YIELD FOR
	FROM	то	THICKNESS (feet)	INCLUDE WATE		ES OR FRACTURE ZON	NES	BEARING? (YES / NO)	WATER- BEARING ZONES (gpm)
1	0	4	4	Sand, Fine-graine	ed, poorly graded, uncon	solidated 7.5 YR 5/4, Bro	own	Y /N	
Ì	4	14	10	Sand, Fine-grained	, poorly graded, semi-co	nsolidated 7.5 YR 5/4, B	rown	Y ✓N	
	14	19	5	Limes	tone, consolidated 10 YI	R 7/4. Pale Brown	_ t	Y ✓N	
1	19	55	36	Sand, Fine-gra	ained, poorly graded, 7.5	YR 6/8, Reddish Yellow	,	y ✓n	
								Y N	
۱ ب		1						Y N	
WE								Y N	
OF								Y N	
90								Y N	
2								Y N	
9								Y N	
3EO								Y N	
RO								Y N	
4. HYDROGEOLOGIC LOG OF WELL								Y N	
4								Y N	
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	METHOD U			OF WATER-BEARIN	IG STRATA: THER - SPECIFY:		10000000	L ESTIMATED L YIELD (gpm):	0.00
Z	WELL TES					ING WELL TESTING, I E AND DRAWDOWN O			
TEST; RIG SUPERVISION	MISCELLA	NEOUS IN	be 27	low ground surface(oring backfilled using entonite chips ten feet			epth to ten feet
S. TEST	PRINT NAM			VISOR(S) THAT PRO	OVIDED ONSITE SUPP	ERVISION OF WELL CO	ONSTRUC	TION OTHER TH	IAN LICENSEE
6. SIGNATURE	CORRECT :	RECORD (OF THE ABOVE D	ESCRIBED HOLE AT 0 DAYS AFTER COM		KNOWLEDGE AND B WILL FILE THIS WEL DRILLING:	L RECOR		ATE ENGINEE
6.5		SIGNA	TURE OF DRILLE	R / PRINT SIGNEE	NAME			DATE	
FOR	R OSE INTER	NAI IISE				WP_20 V	VELL DEC	ORD & LOG (Ve	rsion 01/28/2021
	E NO.	THE USE			POD NO.	TRN NO.		ORD & DOG (VC	TON VIILOILULL





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

 Explore the NEW USGS National Water Dashboard interactive map to access realtime water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

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

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.

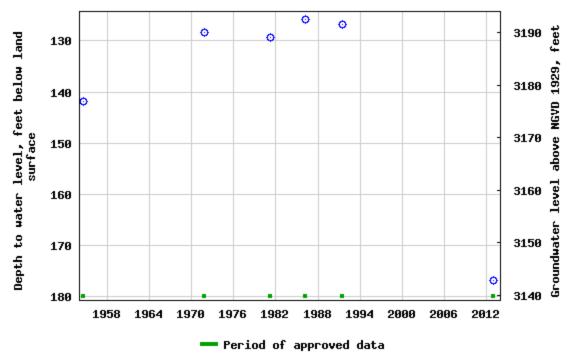
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

Output formats

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

USGS 320419103302201 265.34E.06.21414



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

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

Accessibility

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

Title: Groundwater for USA: Water Levels

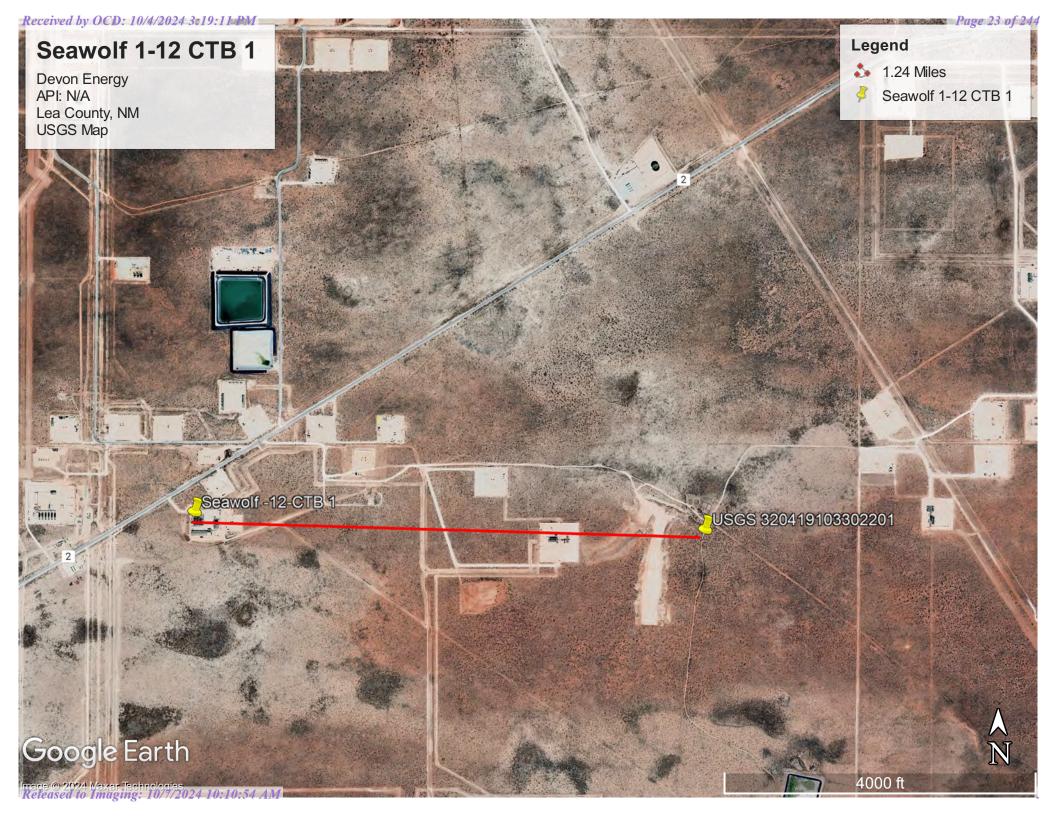
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

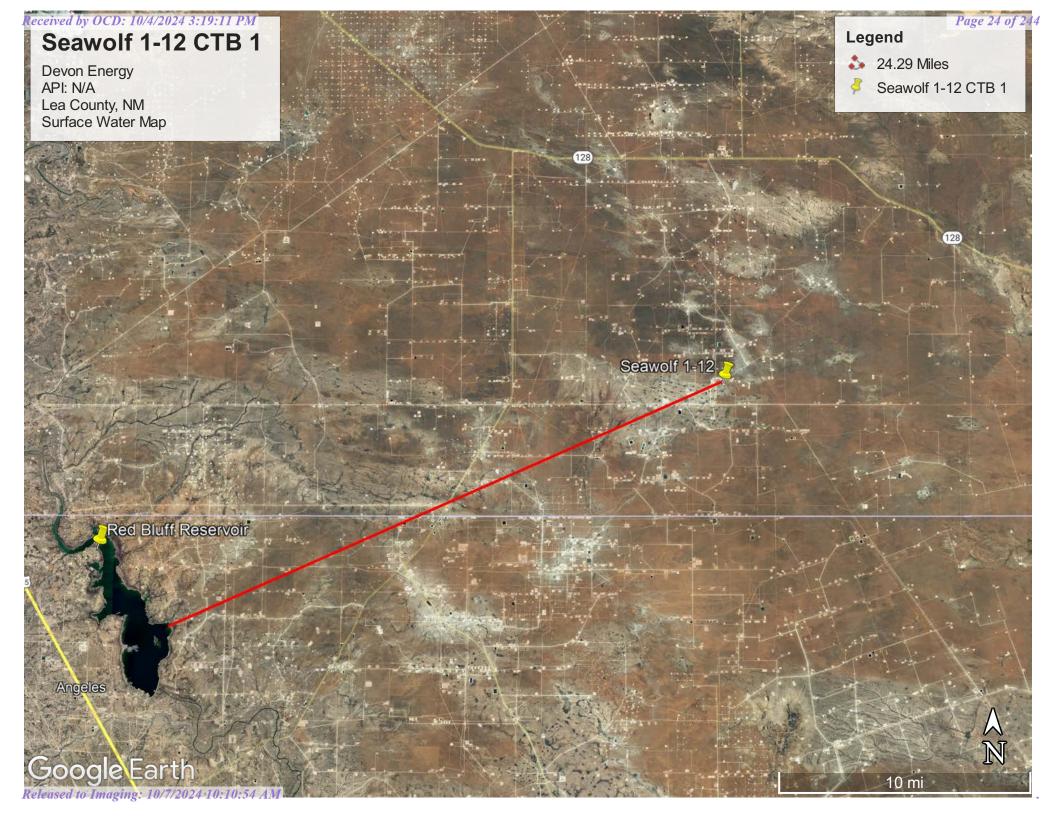
Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2024-07-22 16:56:11 EDT

0.56 0.49 nadww01









Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

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)

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

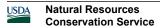
Minor Components

Kimbrough

Percent of map unit: 6 percent

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

Hydric soil rating: No



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

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

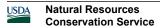
mmhos/cm)

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



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

Hydric soil rating: No

Data Source Information

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



Soil Map—Lea County, New Mexico (Soils Map)

MAP LEGEND

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00

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot
Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

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

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

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

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

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

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	51.6	40.3%
SR	Simona-Upton association	76.2	59.7%
Totals for Area of Interest		127.8	100.0%

National Flood Hazard Layer FIRMette





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

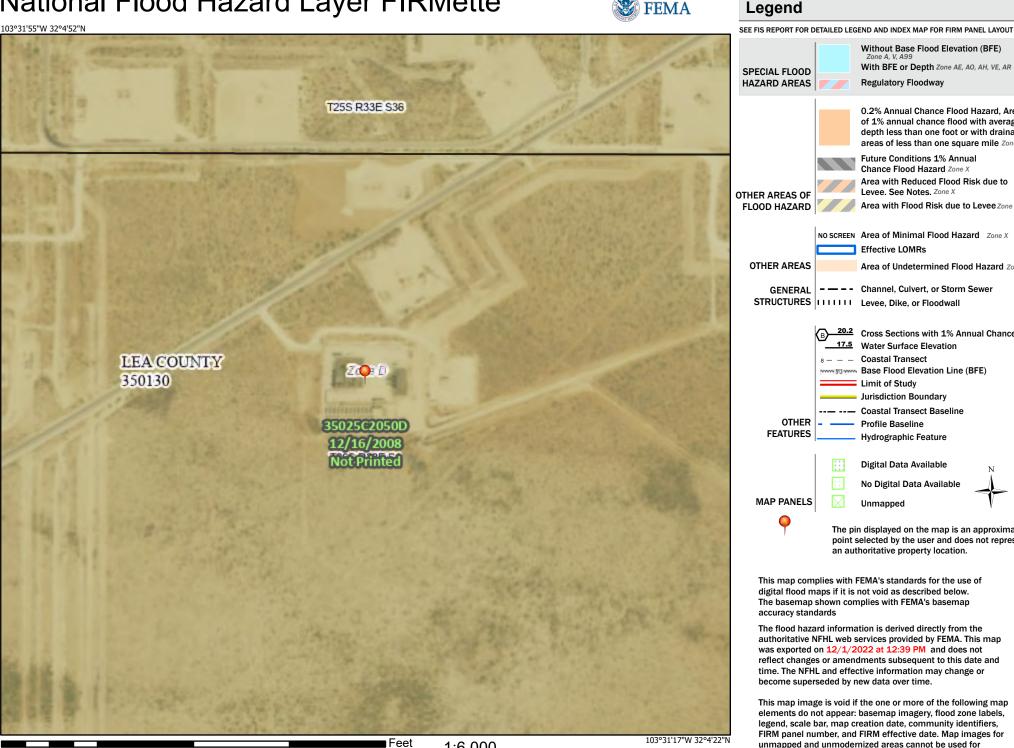
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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





Riverine

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



Appendix C

48-Hour Sampling Notification



Delrae Pima Oil <delrae@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 380359

1 message

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

Wed, Sep 4, 2024 at 8:23 AM

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

Dale Woodall

Environmental Professional

Hobbs, NM

Office: 575-748-1838

Mobile: 405-318-4697

Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Wednesday, September 4, 2024 8:23 AM To: Woodall, Dale < Dale. Woodall@dvn.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 380359

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2303755349.

The sampling event is expected to take place:

When: 09/06/2024 @ 10:00

Where: C-01-26S-33E 910 FNL 2435 FEL (32.07693371,-103.5266281)

Additional Information: Andrew Franco (806) 200-0054

Additional Instructions: 32.077028, -103.526702

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

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

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

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

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



Appendix D

Photographic Documentation



SITE PHOTOGRAPHS DEVON ENERGY SEAWOLF 1-12 CTB

Site Assessment











PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Wolf 1-12 CTB 1

Site Assessment:

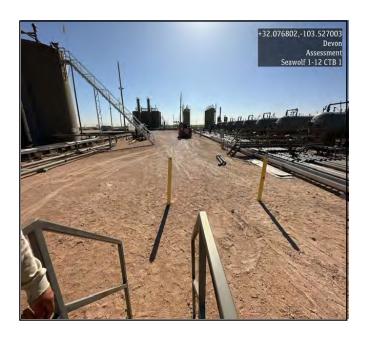


Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping.



Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping





Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping





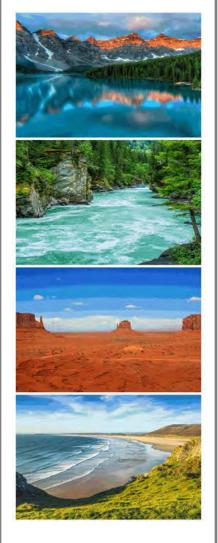
Photo of site assessment, taken post scraping



Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E304121

Job Number: 01058-0007

Received: 4/22/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/28/23

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

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

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

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

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

Date Reported: 4/28/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1

Workorder: E304121

Date Received: 4/22/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2023 8:30:00AM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

CCII: 775 207 1702

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/28/23 16:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E304121-01A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S2 - 1'	E304121-02A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S3 - 1'	E304121-03A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S4 - 1'	E304121-04A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S5 - 1'	E304121-05A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S6 - 1'	E304121-06A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S7 - 1'	E304121-07A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S8 - 1'	E304121-08A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S9 - 1'	E304121-09A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S10 - 1'	E304121-10A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S1 - 2'	E304121-11A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S2 - 2'	E304121-12A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S3 - 2'	E304121-13A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S4 -2'	E304121-14A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S5 - 2'	E304121-15A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S6 - 2'	E304121-16A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S7 - 2'	E304121-17A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S8 - 2'	E304121-18A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S9 - 2'	E304121-19A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S10 - 2'	E304121-20A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.

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:	Tom Bynum	4/28/2023 4:00:52PM

S1 - 1' E304121-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		108 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.0 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		108 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.0 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		73.3 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
Chloride	101	20.0		1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S2 - 1'

E304121-02								
Reporting								
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078	
Benzene	ND	0.0250		1	04/22/23	04/24/23		
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23		
Toluene	ND	0.0250		1	04/22/23	04/24/23		
o-Xylene	ND	0.0250		1	04/22/23	04/24/23		
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23		
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23		
Surrogate: Bromofluorobenzene		104 %	70-130		04/22/23	04/24/23		
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/22/23	04/24/23		
Surrogate: Toluene-d8		97.5 %	70-130		04/22/23	04/24/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23		
Surrogate: Bromofluorobenzene		104 %	70-130		04/22/23	04/24/23		
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/22/23	04/24/23		
Surrogate: Toluene-d8		97.5 %	70-130		04/22/23	04/24/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23		
Surrogate: n-Nonane		77.9 %	50-200		04/26/23	04/26/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030	

20.0

04/25/23

04/26/23

1400



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:	Tom Bynum	4/28/2023 4:00:52PM

S3 - 1'

E304121-03								
Reporting								
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2316078	
Benzene	ND	0.0250	1	0	4/22/23	04/24/23		
Ethylbenzene	ND	0.0250	1	0	4/22/23	04/24/23		
Toluene	ND	0.0250	1	0	4/22/23	04/24/23		
o-Xylene	ND	0.0250	1	0	4/22/23	04/24/23		
p,m-Xylene	ND	0.0500	1	0	4/22/23	04/24/23		
Total Xylenes	ND	0.0250	1	0-	4/22/23	04/24/23		
Surrogate: Bromofluorobenzene		108 %	70-130	0	4/22/23	04/24/23		
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	0	4/22/23	04/24/23		
Surrogate: Toluene-d8		97.5 %	70-130	0	4/22/23	04/24/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2316078	
Gasoline Range Organics (C6-C10)	ND	20.0	1	0-	4/22/23	04/24/23		
Surrogate: Bromofluorobenzene		108 %	70-130	0	4/22/23	04/24/23		
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	0	4/22/23	04/24/23		
Surrogate: Toluene-d8		97.5 %	70-130	0	4/22/23	04/24/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2317024	
Diesel Range Organics (C10-C28)	ND	25.0	1	0-	4/26/23	04/26/23		
Oil Range Organics (C28-C36)	ND	50.0	1	0-	4/26/23	04/26/23		
Surrogate: n-Nonane		76.7 %	50-200	0	4/26/23	04/26/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2317030	

20.0

04/25/23

04/26/23

93.4



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:	Tom Bynum	4/28/2023 4:00:52PM

S4 - 1'

		E304121-04					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.5 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.5 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		76.4 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2317030
Chloride	38.6	20.0		1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S5 - 1'

		E304121-05					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.5 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.5 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	ΙL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		77.4 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	BA		Batch: 2317030

20.0

168

04/25/23

04/26/23

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:	Tom Bynum	4/28/2023 4:00:52PM

S6 - 1'

		E304121-06					
Reporting							
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		99.7 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		99.7 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		76.1 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030

20.0

04/25/23

04/26/23

298



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:	Tom Bynum	4/28/2023 4:00:52PM

S7 - 1'

		E304121-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		99.5 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		107 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		99.5 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		75.5 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
		•					•

20.0

84.4

04/25/23

04/26/23



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:	Tom Bynum	4/28/2023 4:00:52PM

S8 - 1'

E304121-08

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.1 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		98.1 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		76.8 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
Chloride	92.0	20.0		1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S9 - 1'

		E304121-09					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL			Batch: 2316078
Benzene	ND	0.0250	1	l	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	[04/22/23	04/24/23	
Toluene	ND	0.0250	1	l	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	l	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	l	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	Į	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		97.4 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL	,		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		97.4 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0	1	l	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[04/26/23	04/26/23	
Surrogate: n-Nonane		77.5 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA	Λ		Batch: 2317030
Chloride	95.1	20.0	1	1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S10 - 1' E304121-10

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2316078
Benzene	ND	0.0250	1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/24/23	
Toluene	ND	0.0250	1	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		97.6 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		97.6 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		74.6 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2317030
Chloride	66.8	20.0	1	04/25/23	04/26/23	

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:	Tom Bynum	4/28/2023 4:00:52PM

S1 - 2' E304121-11

		2001121 11					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•	1 mary 200	Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	Butch: 2510070
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		97.3 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		97.3 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		74.1 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2317030
Chloride	649	20.0		1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S2 - 2'

E304121-12							
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		99.2 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		99.2 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		72.2 %	50-200		04/26/23	04/26/23	

mg/kg

20.0

Analyst: BA

04/25/23

04/26/23

mg/kg

618



Batch: 2317030

Anions by EPA 300.0/9056A

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:	Tom Bynum	4/28/2023 4:00:52PM

S3 - 2'

E304121-13								
	Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078	
Benzene	ND	0.0250		1	04/22/23	04/24/23		
Ethylbenzene	ND	0.0250	į	1	04/22/23	04/24/23		
Toluene	ND	0.0250	į	1	04/22/23	04/24/23		
o-Xylene	ND	0.0250		1	04/22/23	04/24/23		
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23		
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23		
Surrogate: Bromofluorobenzene		104 %	70-130		04/22/23	04/24/23		
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/24/23		
Surrogate: Toluene-d8		99.3 %	70-130		04/22/23	04/24/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078	
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	04/22/23	04/24/23		
Surrogate: Bromofluorobenzene		104 %	70-130		04/22/23	04/24/23		
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/24/23		
Surrogate: Toluene-d8		99.3 %	70-130		04/22/23	04/24/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23		
Surrogate: n-Nonane		77.2 %	50-200		04/26/23	04/27/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030	
Chloride	574	20.0		1	04/25/23	04/26/23		



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:	Tom Bynum	4/28/2023 4:00:52PM

S4 -2'

E304121-14							
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		97.9 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		97.9 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23	
Surrogate: n-Nonane		76.0 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
Chloride	564	20.0		1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S5 - 2'

E304121-15

Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250	1	1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	1	1	04/22/23	04/25/23	
Toluene	ND	0.0250	1	1	04/22/23	04/25/23	
o-Xylene	ND	0.0250	1	1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500	1	1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250	1	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		99.1 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/26/23	04/27/23	
Surrogate: n-Nonane		75.4 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
Chloride	629	20.0	1	1	04/25/23	04/26/23	

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:	Tom Bynum	4/28/2023 4:00:52PM

S6 - 2' E304121-16

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2316078
Benzene	ND	0.0250	1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/25/23	
Toluene	ND	0.0250	1	04/22/23	04/25/23	
o-Xylene	ND	0.0250	1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	04/22/23	04/25/23	
Surrogate: Toluene-d8		99.0 %	70-130	04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		107 %	70-130	04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	04/22/23	04/25/23	
Surrogate: Toluene-d8		99.0 %	70-130	04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/27/23	
Surrogate: n-Nonane		75.5 %	50-200	04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2317030
Chloride	652	20.0	1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S7 - 2'

		E304121-17					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250	1	1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	į	1	04/22/23	04/25/23	
Toluene	ND	0.0250	į	1	04/22/23	04/25/23	
o-Xylene	ND	0.0250		1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg Analyst: SL			Batch: 2316078			
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		103 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		98.8 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23	
Surrogate: n-Nonane		76.0 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
Chloride	525	20.0		1	04/25/23	04/26/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S8 - 2'

		E304121-18					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250		1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/25/23	
Toluene	ND	0.0250		1	04/22/23	04/25/23	
o-Xylene	ND	0.0250		1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		108 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		108 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23	
Surrogate: n-Nonane		72.4 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
Chloride	660	20.0		1	04/25/23	04/27/23	

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:	Tom Bynum	4/28/2023 4:00:52PM

S9 - 2'

E304121	_1	q
E304121	-1	Þ

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Benzene	ND	0.0250	1	1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	1	1	04/22/23	04/25/23	
Toluene	ND	0.0250	1	1	04/22/23	04/25/23	
o-Xylene	ND	0.0250	1	1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500	1	l	04/22/23	04/25/23	
Total Xylenes	ND	0.0250	1	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		99.0 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		104 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		99.0 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/26/23	04/27/23	
Surrogate: n-Nonane		73.9 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317030
					04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 4:00:52PM

S10 - 2' E304121-20

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SI	_		Batch: 2316078
Benzene	ND	0.0250	1		04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	1		04/22/23	04/25/23	
Toluene	ND	0.0250	1		04/22/23	04/25/23	
o-Xylene	ND	0.0250	1		04/22/23	04/25/23	
p,m-Xylene	ND	0.0500	1		04/22/23	04/25/23	
Total Xylenes	ND	0.0250	1		04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		101 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL			Batch: 2316078
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		106 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		101 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL	,		Batch: 2317024
Diesel Range Organics (C10-C28)	ND	25.0	1		04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/26/23	04/27/23	
Surrogate: n-Nonane		76.6 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: B	A		Batch: 2317030
Chloride	659	20.0	1		04/25/23	04/27/23	

QC Summary Data

Sea Wolf 1-12 CTB 1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/28/2023 4:00:52PM Volatile Organic Compounds by EPA 8260B Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2316078-BLK1) Prepared: 04/22/23 Analyzed: 04/24/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.511 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.529 0.500 106 70-130 0.500 100 70-130 Surrogate: Toluene-d8 0.501 LCS (2316078-BS1) Prepared: 04/22/23 Analyzed: 04/24/23 2.41 0.0250 2.50 96.2 70-130 Benzene 2.50 94.4 70-130 2.36 Ethylbenzene 0.0250 2.36 0.0250 2.50 94.2 70-130 2.34 93.6 70-130 0.0250 2.50 o-Xylene 92.5 4.63 5.00 70-130 p,m-Xylene 0.0500 6.97 0.0250 7.50 92.9 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.536 0.500 107 70-130 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.554 70-130 Surrogate: Toluene-d8 0.508 0.500 Matrix Spike (2316078-MS1) Source: E304121-02 Prepared: 04/22/23 Analyzed: 04/24/23 2.54 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.49 0.0250 2.50 ND 99.8 99.4 48-130 Toluene 2.49 0.0250 2.50 ND 2.48 0.0250 2.50 ND 99.1 43-135 o-Xylene 4.94 ND 98.8 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.42 0.0250 7.50 ND 98.9 43-135 109 0.544 0.500 70-130 Surrogate: Bromofluorobenzene 0.557 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.506 Surrogate: Toluene-d8 Matrix Spike Dup (2316078-MSD1) Source: E304121-02 Prepared: 04/22/23 Analyzed: 04/24/23 2.45 0.0250 2.50 ND 97.9 48-131 3.53 23 2.36 0.0250 2.50 ND 94.4 45-135 5.54 27 Ethylbenzene ND 94.3 48-130 5.24 24 2.36 2.50 Toluene 0.0250 o-Xylene 2.38 0.0250 2.50 ND 95.1 43-135 4.08 27 5.00 ND 43-135 27 4.68 93.6 5.37 p,m-Xylene 0.0500 27 7.06 0.0250 7.50 ND 94.1 43-135 4.94 Total Xylenes Surrogate: Bromofluorobenzene 0.547 0.500 109 70-130



0.500

0.500

0.552

0.494

110

98.8

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Sea Wolf 1-12 CTB 1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/28/2023 4:00:52PM

		ED 1 004 ED	~ ~ ~
Nonhalogenated	Organics by	EPA 8015D -	(łR()

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316078-BLK1)							Prepared: 0	4/22/23	Analyzed: 04/24/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.529		0.500		106	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2316078-BS2)							Prepared: 0	4/22/23	Analyzed: 04/24/23
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.7	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.532		0.500		106	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			
Matrix Spike (2316078-MS2)				Source:	E304121-	02	Prepared: 0	4/22/23	Analyzed: 04/24/23
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.6	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.552		0.500		110	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
Matrix Spike Dup (2316078-MSD2)				Source:	E304121-	02	Prepared: 0	4/22/23	Analyzed: 04/24/23
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130	0.800	20	
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			

0.500

0.500

0.560

0.497

112

99.4

70-130

70-130



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:	Tom Bynum	4/28/2023 4:00:52PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				4,	28/2023 4:00:52PM
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317024-BLK1)							Prepared: 0	4/26/23 Ana	llyzed: 04/26/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.0		50.0		88.1	50-200			
LCS (2317024-BS1)							Prepared: 0	4/26/23 Ana	lyzed: 04/26/23
Diesel Range Organics (C10-C28)	236	25.0	250		94.3	38-132			
Surrogate: n-Nonane	39.8		50.0		79.7	50-200			
Matrix Spike (2317024-MS1)				Source:	E304121-	10	Prepared: 0	4/26/23 Ana	lyzed: 04/26/23
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.4	38-132			
Surrogate: n-Nonane	35.6		50.0		71.1	50-200			
Matrix Spike Dup (2317024-MSD1)				Source:	E304121-	10	Prepared: 0	4/26/23 Ana	alyzed: 04/26/23
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.6	38-132	5.34	20	
Surrogate: n-Nonane	37.1		50.0		74.2	50-200			



Pima Environmental Services-Carlsback PO Box 247	[Project Name: Project Number:		ea Wolf 1-12 (CTB 1				Repor	ted:
Plains TX, 79355-0247		Project Number: Project Manager:		om Bynum					4/28/2023	1:00:52PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst:	BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	N	otes
Blank (2317030-BLK1)							Prepared: 0	4/25/23	Analyzed: 04	/26/23
Chloride	ND	20.0								
LCS (2317030-BS1)							Prepared: 0	4/25/23	Analyzed: 04	/26/23
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2317030-MS1)				Source:	E304121-0)3	Prepared: 0	4/25/23	Analyzed: 04	/26/23
Chloride	351	20.0	250	93.4	103	80-120				
Matrix Spike Dup (2317030-MSD1)				Source:	E304121-0)3	Prepared: 0	4/25/23	Analyzed: 04	/26/23
Chloride	357	20.0	250	93.4	106	80-120	1.69	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	
ı	PO Box 247	Project Number:	01058-0007	Reported:
l	Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/28/23 16:00

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



									Lab	Use		58-000	57		TAT	7	EPA P	rogram
ient: Pin	na Envi	ronmenta L - 17	al Servic	ces	Attention: Pine Bill To		Lab V	WO#	Lat	Jo	b Nu	mber		2D		Standard	CWA	SDW
oject Ma	nager:	Tom Byr	num		Address:			041	21	2	POR	4-ccot				X		RCR
	66 14 N.				City, State, Zip Phone:			П	-	Ar	alysis	and Metho						
	Zĩp Ho 30-748-		1, 88240		Email:		15	15				11					State	1 1
nail: to	m@pin		n		Pima Project # 216		DRO/ORO by 8015	GRO/DRO by 8015	021	09	2 2	00.0	MN	*		NMI CC	UT AZ	TX
eport due				- 1	. Filla Project # C10	Lab	/ORO	/DRO	BTEX by 8021	VOC by 8260	Metals 6010	Chioride source			1		Remarks	
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:20				55-17		5												
3:25				56-1		Q												
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elinguished	d by: (Signa	ature)	Date	e Time	Received by: (Signature) (Date U/L	1/23	5 LS	30		1.		<u>T2</u>			<u>T3.</u>	1. v b.	1, 1, 1

DINEE- TONT

	-	•	10 :		Bill To		F		12		e On		000			TA	T	EPA Pr	ogram
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	e, Zīp H		<i>I</i> I, 88240	-			10	ro.										State	
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Report d						Lab	ORO	DRC	by 8	8 /4	ls 60	de		20	l o			Deservice	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by	VOC by	Metals 6010	Chloride		BGDOC	BGDOC			Remarks	
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			12,11	ING IL CITA	00 101	10° aV		i.a.s			Samo	les requir	ne thermal	presen	vation n	nust be re	eceived on ice the d	ay they are sam	pled or received
The second second second					am aware that tampering with or intentionally mislat	elling the sample	elocat	1011,			packe	d in ice at	an avg tem	p abov	e O but	less than	6°C on subsequent	days.	
The state of the s				may be grounds for leg		Date		Time				ile " b	1 4 00		Labil	Jse Or	nlv		
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Relinquish	ed by: (Sign	nature)	Date	Time	Received by: (Signature)	Date	2	lime	5					4	1. 4	9		* **	the man
HALLE	U Musson		14	121/23 000	o (Chulla)	4.22:			:30			3 Tem			10.30	1.01	·	The same	and and
	110	1 c t. 1 c-	Cl. I. A	A C. Oakar		Containe	er Typ	e: g -	glass,	p - p	ooly/p	olastic,	ag - aml	per g	ass, v	- VOA	roport for the r	nalysis of th	ne above
Note: Sam	ples are dis	carded 30 c	lays after re	esults are reported u	inless other arrangements are made. Hazardo	us samples wil	ll be re	etume	d to cli	ent o	or disp	osed of	at the cli	ent e	xpens	e. Ine	report for the a	marysis of th	ie anove
samples is	applicable	only to thos	se samples	received by the labo	ratory with this COC. The liability of the labora	tory is limited t	to the	amou	mt paic	tord	on the	report.	- 11			an-		TOP .	in

Printed: 4/24/2023 1:20:19PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

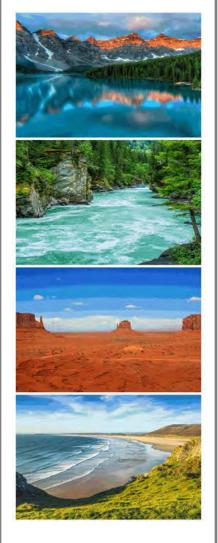
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

				•	•	
Client:	Pima Environmental Services-Carlsbad	Date Received:	04/22/23	08:30	Work Order ID:	E304121
Phone:	(575) 631-6977	Date Logged In:	04/22/23	08:44	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/28/23	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mate	ch the COC				
	imples dropped off by client or carrier?		Yes Yes	Camian C	Vannai am	
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: C	<u>courier</u>	
	I samples received within holding time?	ied anaryses:	Yes			
51 W 61 6 W	Note: Analysis, such as pH which should be conducted in	the field,	100			TD 1.41
	i.e, 15 minute hold time, are not included in this disucssio	n.		ı	Comments/	Resolution
	urn Around Time (TAT)				Project See Wolf 1 12 C	ΓD 1 hag boon
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Sea Wolf 1-12 CT	
Sample C					separated into 3 reports d	• •
	ample cooler received?		Yes		volume. Workorders are	as follows:
8. If yes, v	was cooler received in good condition?		Yes		E304121, E304122 & E3	04123.
9. Was the	e 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			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
	risible ice, record the temperature. Actual sample	temperature: 4 (<u>~</u>			
Sample C			No			
	queous VOC samples present? OC samples collected in VOA Vials?		No NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
			NA			
	trip blank (TB) included for VOC analyses? on-VOC samples collected in the correct containers?					
	appropriate volume/weight or number of sample contain		Yes Yes			
Field Lab	· · ·	ers conected?	168			
	net in the sample labels filled out with the minimum infor	rmation:				
	ample ID?	mation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
	<u>reservation</u>					
21. Does t	the COC or field labels indicate the samples were pro-	eserved?	No			
	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
	se Sample Matrix					
26. Does t	he sample have more than one phase, i.e., multiphas	e?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontra	act Laboratory					
	mples required to get sent to a subcontract laborator	v?	No			
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	o: NA	
Client In	struction					
CHCHT III	struction					

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Date

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E304123

Job Number: 01058-0007

Received: 4/22/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/28/23

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

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

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

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

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

Date Reported: 4/28/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1

Workorder: E304123

Date Received: 4/22/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2023 8:30:00AM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

Office: 505-421-LABS(5227)

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	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/28/23 15:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-1	E304123-01A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-2	E304123-02A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-3	E304123-03A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-4	E304123-04A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-5	E304123-05A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-6	E304123-06A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-7	E304123-07A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-8	E304123-08A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-9	E304123-09A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-10	E304123-10A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-11	E304123-11A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-12	E304123-12A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-13	E304123-13A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
SW-14	E304123-14A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
BG-1	E304123-15A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-1

		120 4120 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		89.2 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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:	Tom Bynum	4/28/2023 3:34:50PM

SW-2

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/27/23	
Toluene	ND	0.0250	1	04/22/23	04/27/23	
o-Xylene	ND	0.0250	1	04/22/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	04/22/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	04/22/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		88.2 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-3

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		86.3 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2317029



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		87.5 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/28/2023 3:34:50PM

SW-5

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		95.3 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/28/2023 3:34:50PM

SW-6

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		89.1 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
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Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/28/2023 3:34:50PM

SW-7

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		90.1 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-8

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		92.7 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2317029
	ND	20.0		04/25/23	04/27/23	•



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-9

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		91.9 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-10

E30		

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		84.4 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2317029
· · · · · · · · · · · · · · · · · · ·	ND	20.0		04/25/23	04/27/23	



Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Sample Data

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:	Tom Bynum	4/28/2023 3:34:50PM

SW-11 E304123-11

Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: IY Batch: 2316081 mg/kg mg/kg Volatile Organics by EPA 8021B 04/22/23 04/28/23 ND 0.0250 Benzene 1 04/22/23 04/28/23 Ethylbenzene ND 0.0250ND 0.025004/22/23 04/28/23 Toluene 1 04/22/23 04/28/23 o-Xylene ND 0.02501 04/22/23 04/28/23 ND 0.0500 p,m-Xylene 04/22/23 04/28/23 1 Total Xylenes ND 0.025004/28/23 88.7 % 70-130 04/22/23 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: IY Batch: 2316081 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 04/28/23 ND 20.0 1 04/22/23 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 93.5 % 04/22/23 04/28/23 70-130 mg/kg mg/kg Analyst: JL Batch: 2317025 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 04/25/23 04/27/23 Diesel Range Organics (C10-C28)

50.0

mg/kg

20.0

88.4 %

ND

mg/kg

ND

04/25/23

04/25/23

04/25/23

1

1

Analyst: BA

50-200

04/27/23

04/27/23

04/27/23

Batch: 2317029

Sample Data

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:	Tom Bynum	4/28/2023 3:34:50PM

SW-12

		E304123-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		91.7 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-13 E304123-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		95.4 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 3:34:50PM

SW-14

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		90.3 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2317029
	ND	20.0	-	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 3:34:50PM

BG-1

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2316081
Benzene	ND	0.0250	1	04/22/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/28/23	
Toluene	ND	0.0250	1	04/22/23	04/28/23	
o-Xylene	ND	0.0250	1	04/22/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	04/22/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2317025
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/27/23	
Surrogate: n-Nonane		87.0 %	50-200	04/25/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: BA		Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	



Sea Wolf 1-12 CTB 1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/28/2023 3:34:50PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2316081-BLK1) Prepared: 04/22/23 Analyzed: 04/27/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 7.23 8.00 90.4 70-130 LCS (2316081-BS1) Prepared: 04/22/23 Analyzed: 04/27/23 4.31 86.2 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.50 0.0250 5.00 90.0 70-130 4.56 0.0250 5.00 91.2 70-130 Toluene 92.0 o-Xylene 4.60 0.0250 5.00 70-130 9.16 10.0 91.6 70-130 0.0500 p.m-Xvlene 91.7 70-130 13.8 15.0 Total Xylenes 0.0250 8.00 90.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.26 Matrix Spike (2316081-MS1) Source: E304123-02 Prepared: 04/22/23 Analyzed: 04/27/23 4.22 0.0250 5.00 ND 84.4 54-133 Benzene ND 88.5 61-133 Ethylbenzene 4.42 0.0250 5.00 Toluene 4.48 0.0250 5.00 ND 89.6 61-130 4.55 ND 91.0 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.02 0.0500 10.0 ND 90.2 63-131 13.6 0.0250 15.0 ND 63-131 Total Xylenes 7.27 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 Matrix Spike Dup (2316081-MSD1) Source: E304123-02 Prepared: 04/22/23 Analyzed: 04/27/23 4.35 0.0250 5.00 ND 87.1 54-133 3.04 4.55 61-133 2.75 0.0250 5.00 ND 90.9 20 Ethylbenzene 61-130 Toluene 4 62 0.0250 5.00 ND 924 3.05 20 4.66 5.00 ND 93.2 63-131 2.43 20 o-Xylene 0.0250 9.26 10.0 ND 92.6 63-131 2.63 20 p,m-Xylene 0.0500



13.9

7.23

0.0250

15.0

8.00

ND

92.8

90.3

63-131

70-130

2.56

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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:	Tom Bynum	4/28/2023 3:34:50PM

Plains TX, 79355-0247		Project Manage		m Bynum				4/	28/2023 3:34:50PM
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2316081-BLK1)							Prepared: 0	4/22/23 Ana	lyzed: 04/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			
LCS (2316081-BS2)							Prepared: 0	4/22/23 Ana	lyzed: 04/27/23
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			
Matrix Spike (2316081-MS2)				Source:	E304123-	02	Prepared: 0	4/22/23 Ana	lyzed: 04/27/23
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
Matrix Spike Dup (2316081-MSD2)				Source:	E304123-0	02	Prepared: 0	4/22/23 Ana	lyzed: 04/28/23
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.1	70-130	1.75	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			



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:	Tom Bynum	4/28/2023 3:34:50PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					4/28/2023 3:34:50PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: JL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2317025-BLK1)							Prepared: 0	4/25/23 A	analyzed: 04/27/23		
riesel Range Organics (C10-C28)	ND	25.0									
ril Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	46.3		50.0		92.5	50-200					
CS (2317025-BS1)							Prepared: 0	4/25/23 A	analyzed: 04/27/23		
riesel Range Organics (C10-C28)	234	25.0	250		93.7	38-132					
urrogate: n-Nonane	44.4		50.0		88.9	50-200					
Aatrix Spike (2317025-MS1)				Source:	E304123-	10	Prepared: 0	4/25/23 A	analyzed: 04/27/23		
riesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132					
urrogate: n-Nonane	44.5		50.0		88.9	50-200					
Matrix Spike Dup (2317025-MSD1)				Source:	E304123-	10	Prepared: 0	4/25/23 A	analyzed: 04/27/23		
tiesel Range Organics (C10-C28)	229	25.0	250	ND	91.4	38-132	0.187	20			
urrogate: n-Nonane	45.0		50.0		90.0	50-200					



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Sea Wolf 1-12 CTB 1 Project Number: 01058-0007							Reported:				
Plains TX, 79355-0247		Project Manager: Tom Bynum						4/28/2023 3:34:50PM					
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: BA				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2317029-BLK1)							Prepared: 0	4/25/23	Analyzed: 04/26/23				
Chloride	ND	20.0											
LCS (2317029-BS1)							Prepared: 0	4/25/23	Analyzed: 04/26/23				
Chloride	261	20.0	250		104	90-110							
Matrix Spike (2317029-MS1)			Source:	E304123-	01	Prepared: 0	Analyzed: 04/27/23						
Chloride	259	20.0	250	ND	104	80-120							
Matrix Spike Dup (2317029-MSD1)				Source:	E304123-	01	Prepared: 0	4/25/23	Analyzed: 04/27/23				

250

20.0

256

103

80-120

0.903

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:	Tom Bynum	04/28/23 15:34

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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elinguished		ture)		/11/23 Time	A	Received by: (Sign	Lungla	Date Halfo	13		le Oi)	Rece	eived c	n ice:	(Y I	lse On V	ly		8
elinquished		ture)	_ Date	HAB IN	30	Received by: (Sign Received by: (Sign	nusso	14/21	123	Time	130		<u>11.</u>			<u>T2</u>	·		<u>T3.</u>		. 15 v

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	ue by:				1	ar roject# CIP	-	Lab	ORO	DRO	рγ 80	by 82	ls 60	ide 3						Damanel	
Time ampled	Date Sampled	Matrix	No. of Containers	Sample ID				Number	- DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	верос	_		Remark	· ·
:15	4/20/23	Soil		SW-11				11								X		_	-	7	
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			and authen	ticity of this sample. I a	m aware th	at tampering with or intentior	nally mislabellin	ng the sample	elocati	ion,			Sampl	les requiri d in ice at	ng thermal an avg tem	preserv p above	ation mu	t be received that the second	red on ice the d on subsequent	lay they are sa t days.	impled or rece
linguish	ed by: (Sign	ature)		may be grounds for leg		Received by: (Signature)	male	Date 4.21.	23	Time	n()()			havia	on ice:	6	ab Us V N	e Only			\$
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Relinquished by: (Signature) Date Time						Received by: (Signature)	1	Date	Time		:3	7	Tyles (Vije		°C.						
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nte: Sam	nles are dis	carded 30 c	lays after re	Aqueous, O - Other esults are reported u	nless othe	r arrangements are made.	Hazardous s	amples will	be re	tume	d to cl	ient o	r disp	osed of	at the cli	ent ex	pense.	The rep	oort for the	analysis of	the above
mples is	applicable	only to thos	e samples	received by the labo	ratory with	this COC. The liability of t	he laboratory	is limited t	o the	amou	птрак	0 101 C	off the	report.					10		
												200	1:-	2							

envirotech Inc.

Printed: 4/24/2023 1:31:00PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

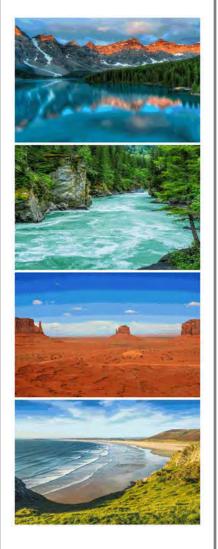
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/22/23	08:30	Work Order ID	: E304123						
Phone:	(575) 631-6977	Date Logged In:	04/22/23	08:53	Logged In By:	Alexa Michaels						
Email:	tom@pimaoil.com	Due Date:	04/28/23	17:00 (4 day TAT)								
Chain of Company of Chain of Company of Comp	Custody (COC) the sample ID match the COC? the number of samples per sampling site location match tamples dropped off by client or carrier? the COC complete, i.e., signatures, dates/times, reques all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion turn Around Time (TAT) COC indicate standard TAT, or Expedited TAT? Cooler ample cooler received? was cooler received in good condition?	ch the COC ted analyses?	Yes Yes Yes Yes Yes Yes Yes Yes	Carrier: C	Courier Comments/Resolution Project Sea Wolf 1-12 CTB 1 has been separated into 3 reports due to high sample volume. Workorders are as follows: E304121, E304122 & E304123.							
	e sample(s) received intact, i.e., not broken?		No									
	custody/security seals present?		No									
11. If yes,	were custody/security seals intact?		NA									
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes <u>C</u>									
Sample C	<u>Container</u>											
14. Are ac	queous VOC samples present?		No									
	OC 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 no	on-VOC samples collected in the correct containers?		Yes									
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes									
Sa Da	tel. field sample labels filled out with the minimum information in the minimum in the minimum information in the minimum information in the minimum in the minimum information in the minimum information in the minimum information in the minimum in the minim	rmation:	Yes Yes No									
	<u>reservation</u>											
	the COC or field labels indicate the samples were pro-	eserved?	No									
	ample(s) correctly preserved?	. 1.0	NA									
24. Is lab	filteration required and/or requested for dissolved m	etals?	No									
	se Sample Matrix											
	the sample have more than one phase, i.e., multiphas		No									
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA									
28. Are sa	act Laboratory umples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	: NA							
Client In	struction											

Date

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

Report to:
Tom Bynum



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E304122

Job Number: 01058-0007

Received: 4/22/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/28/23

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: 4/28/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1

Workorder: E304122

Date Received: 4/22/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2023 8:30:00AM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/28/23 16:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 3'	E304122-01A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S2 - 3'	E304122-02A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S3 - 3'	E304122-03A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S4 - 3'	E304122-04A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S5 - 3'	E304122-05A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S6 - 3'	E304122-06A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S7 - 3'	E304122-07A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S8 - 3'	E304122-08A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S9 - 3'	E304122-09A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S10 - 3'	E304122-10A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S1 - 4'	E304122-11A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S2 - 4'	E304122-12A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S3 - 4'	E304122-13A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S4 - 4'	E304122-14A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S5 - 4'	E304122-15A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S6 - 4'	E304122-16A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S7 - 4'	E304122-17A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S8 - 4'	E304122-18A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S9 - 4'	E304122-19A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.
S10 - 4'	E304122-20A	Soil	04/20/23	04/22/23	Glass Jar, 2 oz.



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:	Tom Bynum	4/28/2023 4:56:29PM

S1 - 3' E304122-01

	2001122 01					
D. 1.		P."		D 1		N.
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	1	Analyst: SL			Batch: 2316079
ND	0.0250	1	ļ	04/22/23	04/24/23	
ND	0.0250	1		04/22/23	04/24/23	
ND	0.0250	1		04/22/23	04/24/23	
ND	0.0250	1		04/22/23	04/24/23	
ND	0.0500	1		04/22/23	04/24/23	
ND	0.0250	1		04/22/23	04/24/23	
	99.4 %	70-130		04/22/23	04/24/23	
	99.7 %	70-130		04/22/23	04/24/23	
	101 %	70-130		04/22/23	04/24/23	
mg/kg	mg/kg	1	Analyst: SL			Batch: 2316079
ND	20.0	1		04/22/23	04/24/23	
	99.4 %	70-130		04/22/23	04/24/23	
	99.7 %	70-130		04/22/23	04/24/23	
	101 %	70-130		04/22/23	04/24/23	
mg/kg	mg/kg	1	Analyst: JL			Batch: 2317023
ND	25.0	1	!	04/26/23	04/26/23	
ND	50.0	1		04/26/23	04/26/23	
	101 %	50-200		04/26/23	04/26/23	
mg/kg	mg/kg	1	Analyst: BA			Batch: 2317031
3130	40.0	2	2	04/25/23	04/27/23	
	ND Mg/kg ND Mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 4% 99.7 % 101 % MD 20.0 99.4 % 99.7 % 101 % 101 % mg/kg mg/kg ND 25.0 ND 50.0 101 % mg/kg mg/kg mg/kg	Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 99.4 % 70-130 99.7 % 70-130 mg/kg mg/kg ND 20.0 1 99.4 % 70-130 99.7 % 70-130 101 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 101 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: SL ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 99.4 % 70-130 99.7 % 70-130 mg/kg mg/kg Analyst: SL ND 20.0 1 99.4 % 70-130 1 99.7 % 70-130 1 mg/kg mg/kg Analyst: SL ND 25.0 1 ND 25.0 1 ND 50.0 1 101 % 50-200 mg/kg Mg/kg Analyst: BA	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/22/23 ND 0.0250 1 04/22/23 ND 0.0250 1 04/22/23 ND 0.0250 1 04/22/23 ND 0.0500 1 04/22/23 ND 0.0250 1 04/22/23 99.4 % 70-130 04/22/23 99.7 % 70-130 04/22/23 mg/kg mg/kg Analyst: SL ND 20.0 1 04/22/23 99.4 % 70-130 04/22/23 99.7 % 70-130 04/22/23 99.7 % 70-130 04/22/23 101 % 70-130 04/22/23 mg/kg mg/kg Analyst: JL ND 25.0 1 04/26/23 ND 50.0 1 04/26/23 mg/kg mg/kg Analyst: JL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/22/23 04/24/23 ND 0.0500 1 04/22/23 04/24/23 ND 0.0250 1 04/22/23 04/24/23 99.4 % 70-130 04/22/23 04/24/23 99.7 % 70-130 04/22/23 04/24/23 mg/kg mg/kg Analyst: SL ND 20.0 1 04/22/23 04/24/23 99.4 % 70-130 04/22/23 04/24/23 99.7 % 70-130 04/22/23 04/24/23 99.7 % 70-130 04/22/23 04/24/23 101 % 70-130 04/22/23 04/24/23 mg/kg mg/kg



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:	Tom Bynum	4/28/2023 4:56:29PM

S2 - 3' E304122-02

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Benzene	ND	0.0250	1	l	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	1	04/22/23	04/24/23	
Toluene	ND	0.0250	1	l	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	l	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	l	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	<u> </u>	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL			Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	[04/26/23	04/26/23	
Surrogate: n-Nonane		102 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031
					04/25/23	04/27/23	

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:	Tom Bynum	4/28/2023 4:56:29PM

S3 - 3' E304122-03

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL		Batch: 2316079
Benzene	ND	0.0250	1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/24/23	
Toluene	ND	0.0250	1	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.1 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		100 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.1 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		100 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		103 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2317031
Chloride	643	20.0	1	04/25/23	04/27/23	

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:	Tom Bynum	4/28/2023 4:56:29PM

S4 - 3' E304122-04

		LUU-1122-UT				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Allatyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2316079
Benzene	ND	0.0250	1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/24/23	
Toluene	ND	0.0250	1	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		99.2 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		99.2 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	_
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		106 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2317031
Chloride	404	20.0	1	04/25/23	04/27/23	

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:	Tom Bynum	4/28/2023 4:56:29PM

S5 - 3'

		E304122-05					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.5 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/26/23	
Surrogate: n-Nonane		103 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031
Chloride	293	20.0		1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 4:56:29PM

S6 - 3' E304122-06

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2316079
Benzene	ND	0.0250	1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/24/23	
Toluene	ND	0.0250	1	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		96.7 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		99.3 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		96.7 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		99.3 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		105 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2317031
Chloride	283	20.0	1	04/25/23	04/27/23	· ·

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:	Tom Bynum	4/28/2023 4:56:29PM

S7 - 3' E304122-07

		2001122 07				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: SL		Batch: 2316079
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250	1	04/22/23	04/24/23	Batch. 2310077
Ethylbenzene	ND ND	0.0250	1	04/22/23	04/24/23	
Toluene	ND	0.0250	1	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		97.2 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2317031
Chloride	347	20.0	1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 4:56:29PM

S8 - 3' E304122-08

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: SL			Batch: 2316079
Benzene	ND	0.0250	1	04	/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	. 04	/22/23	04/24/23	
Toluene	ND	0.0250	1	. 04	/22/23	04/24/23	
o-Xylene	ND	0.0250	1	. 04	/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	. 04	/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	. 04	/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130	04	1/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	04	1/22/23	04/24/23	
Surrogate: Toluene-d8		99.7 %	70-130	04	1/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: SL			Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 04	/22/23	04/24/23	
Surrogate: Bromofluorobenzene		98.6 %	70-130	04	1/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	04	1/22/23	04/24/23	
Surrogate: Toluene-d8		99.7 %	70-130	04	1/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	04	/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04	/26/23	04/26/23	
Surrogate: n-Nonane		97.3 %	50-200	04	1/26/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA			Batch: 2317031
7 HII OH S D Y 12 17 1 2 0 0 : 0 / 2 0 3 0 7 1	<u> </u>	<u> </u>					



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:	Tom Bynum	4/28/2023 4:56:29PM

S9 - 3' E304122-09

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL		Batch: 2316079
Benzene	ND	0.0250	1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/24/23	
Toluene	ND	0.0250	1	04/22/23	04/24/23	
o-Xylene	ND	0.0250	1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130	04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/27/23	
Surrogate: n-Nonane		100 %	50-200	04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2317031

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:	Tom Bynum	4/28/2023 4:56:29PM

S10 - 3' E304122-10

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Benzene	ND	0.0250		1	04/22/23	04/24/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/24/23	
Toluene	ND	0.0250		1	04/22/23	04/24/23	
o-Xylene	ND	0.0250		1	04/22/23	04/24/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/24/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		96.7 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		96.7 %	70-130		04/22/23	04/24/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		04/22/23	04/24/23	
Surrogate: Toluene-d8		101 %	70-130		04/22/23	04/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23	
Surrogate: n-Nonane		98.4 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031
Chloride	327	20.0		1	04/25/23	04/27/23	

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:	Tom Bynum	4/28/2023 4:56:29PM

S1 - 4'

E304122-11 Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: SL Batch: 2316079 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 04/22/23 04/24/23 ND 0.0250 Benzene 04/22/23 04/24/23 Ethylbenzene ND 0.02501 ND 0.0250 04/22/23 04/24/23 Toluene 1 04/22/23 04/24/23 o-Xylene ND 0.025004/22/23 04/24/23 ND 0.0500 1 p,m-Xylene 04/22/23 04/24/23 1 Total Xylenes ND 0.0250 04/22/23 04/24/23 Surrogate: Bromofluorobenzene 98.5 % 70-130 Surrogate: 1,2-Dichloroethane-d4 98.8 % 70-130 04/22/2304/24/23 Surrogate: Toluene-d8 101 % 70-130 04/22/2304/24/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2316079 ND 1 04/22/23 04/24/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 98.5 % 04/22/23 04/24/23 70-130 04/22/23 04/24/23 Surrogate: 1,2-Dichloroethane-d4 98.8 % 70-130 Surrogate: Toluene-d8 04/22/23 04/24/23 101 % 70-130 mg/kg Analyst: JL Batch: 2317023 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 04/27/23 ND 25.0 1 04/26/23 Diesel Range Organics (C10-C28) ND 50.0 1 04/26/23 04/27/23 Oil Range Organics (C28-C36) 99.6 % 50-200 04/26/2304/27/23Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2317031

20.0

ND

1

04/25/23

04/27/23



Chloride

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:	Tom Bynum	4/28/2023 4:56:29PM

S2 - 4'

E304122-12

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Benzene	ND	0.0250	1		04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	1		04/22/23	04/25/23	
Toluene	ND	0.0250	1	l	04/22/23	04/25/23	
o-Xylene	ND	0.0250	1	l	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500	1		04/22/23	04/25/23	
Total Xylenes	ND	0.0250	1		04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		101 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		102 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		101 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1		04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1		04/26/23	04/27/23	
Surrogate: n-Nonane		97.8 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031
11110115 6 1 11111 0 0 0 0 0 7 5 0 0 0 1 1							



Nonhalogenated Organics by EPA 8015D - DRO/ORO

Diesel Range Organics (C10-C28)

Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Sample Data

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:	Tom Bynum	4/28/2023 4:56:29PM

S3 - 4' E304122-13

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2316079
ND	0.0250	1	04/22/23	04/25/23	
ND	0.0250	1	04/22/23	04/25/23	
ND	0.0250	1	04/22/23	04/25/23	
ND	0.0250	1	04/22/23	04/25/23	
ND	0.0500	1	04/22/23	04/25/23	
ND	0.0250	1	04/22/23	04/25/23	
	100 %	70-130	04/22/23	04/25/23	
	95.8 %	70-130	04/22/23	04/25/23	
	101 %	70-130	04/22/23	04/25/23	
mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2316079
ND	20.0	1	04/22/23	04/25/23	
	100 %	70-130	04/22/23	04/25/23	
	95.8 %	70-130	04/22/23	04/25/23	
	101 %	70-130	04/22/23	04/25/23	
	mg/kg ND ND ND ND ND ND ND MD ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO0 % 95.8 % IO1 % mg/kg ND 20.0 IO0 % 95.8 %	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 95.8 % 70-130 mg/kg mg/kg Ar ND 20.0 1 100 % 70-130 95.8 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/22/23 ND 0.0250 1 04/22/23 ND 0.0250 1 04/22/23 ND 0.0250 1 04/22/23 ND 0.0500 1 04/22/23 ND 0.0250 1 04/22/23 95.8 % 70-130 04/22/23 95.8 % 70-130 04/22/23 mg/kg mg/kg Analyst: SL ND 20.0 1 04/22/23 100 % 70-130 04/22/23 95.8 % 70-130 04/22/23	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/22/23 04/25/23 ND 0.0250 1 04/22/23 04/25/23 ND 0.0250 1 04/22/23 04/25/23 ND 0.0500 1 04/22/23 04/25/23 ND 0.0500 1 04/22/23 04/25/23 ND 0.0250 1 04/22/23 04/25/23 ND 0.0250 1 04/22/23 04/25/23 95.8 % 70-130 04/22/23 04/25/23 95.8 % 70-130 04/22/23 04/25/23 mg/kg mg/kg Analyst: SL ND 20.0 1 04/22/23 04/25/23 100 % 70-130 04/22/23 04/25/23 100 % 70-130 04/22/23 04/25/23 95.8 % 70-130 04/22/23 04/25/23

mg/kg

25.0

50.0

mg/kg

20.0

96.3 %

Analyst: JL

Analyst: BA

04/26/23

04/26/23

04/26/23

04/25/23

04/27/23

04/27/23

04/27/23

04/27/23

1

50-200

mg/kg

ND

ND

mg/kg

ND



Batch: 2317023

Batch: 2317031

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:	Tom Bynum	4/28/2023 4:56:29PM

S4 - 4'

E304122-14								
		Reporting						
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079	
Benzene	ND	0.0250		1	04/22/23	04/25/23		
Ethylbenzene	ND	0.0250		1	04/22/23	04/25/23		
Toluene	ND	0.0250		1	04/22/23	04/25/23		
o-Xylene	ND	0.0250		1	04/22/23	04/25/23		
p,m-Xylene	ND	0.0500		1	04/22/23	04/25/23		
Total Xylenes	ND	0.0250		1	04/22/23	04/25/23		
Surrogate: Bromofluorobenzene		97.5 %	70-130		04/22/23	04/25/23		
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		04/22/23	04/25/23		
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/25/23		
Surrogate: Bromofluorobenzene		97.5 %	70-130		04/22/23	04/25/23		
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		04/22/23	04/25/23		
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2317023	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23		
Surrogate: n-Nonane		97.7 %	50-200		04/26/23	04/27/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031	
Chloride	ND	20.0		1	04/25/23	04/27/23		



Pin	na Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
PO	Box 247	Project Number:	01058-0007	Reported:
Pla	ins TX, 79355-0247	Project Manager:	Tom Bynum	4/28/2023 4:56:29PM

S5 - 4'

E304122-15

	_	Reporting	_				
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Benzene	ND	0.0250		1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/25/23	
Toluene	ND	0.0250]	1	04/22/23	04/25/23	
o-Xylene	ND	0.0250]	1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		97.7 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		100 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	04/26/23	04/27/23	
Surrogate: n-Nonane	·	95.1 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031
Chloride	ND	20.0		1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 4:56:29PM

S6 - 4'

		E304122-16				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL		Batch: 2316079
Benzene	ND	0.0250	1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/22/23	04/25/23	
Toluene	ND	0.0250	1	04/22/23	04/25/23	
o-Xylene	ND	0.0250	1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		96.6 %	70-130	04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	04/22/23	04/25/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		96.6 %	70-130	04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	04/22/23	04/25/23	
Surrogate: Toluene-d8		101 %	70-130	04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/27/23	
Surrogate: n-Nonane		97.5 %	50-200	04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2317031
Chloride	ND	20.0	1	04/25/23	04/27/23	



Pin	na Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
PO	Box 247	Project Number:	01058-0007	Reported:
Pla	ins TX, 79355-0247	Project Manager:	Tom Bynum	4/28/2023 4:56:29PM

S7 - 4'

E304122-17

	_	Reporting	_				
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079
Benzene	ND	0.0250		1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250		1	04/22/23	04/25/23	
Toluene	ND	0.0250		1	04/22/23	04/25/23	
o-Xylene	ND	0.0250		1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500		1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250		1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		98.1 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL			Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		98.1 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		99.8 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23	
Surrogate: n-Nonane		98.9 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031
Chloride	ND	20.0		1	04/25/23	04/27/23	



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:	Tom Bynum	4/28/2023 4:56:29PM

S8 - 4'

E304122-18									
		Reporting							
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	g Analyst: SL		SL		Batch: 2316079		
Benzene	ND	0.0250		1	04/22/23	04/25/23			
Ethylbenzene	ND	0.0250		1	04/22/23	04/25/23			
Toluene	ND	0.0250		1	04/22/23	04/25/23			
o-Xylene	ND	0.0250		1	04/22/23	04/25/23			
p,m-Xylene	ND	0.0500		1	04/22/23	04/25/23			
Total Xylenes	ND	0.0250		1	04/22/23	04/25/23			
Surrogate: Bromofluorobenzene		96.7 %	70-130		04/22/23	04/25/23			
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/22/23	04/25/23			
Surrogate: Toluene-d8		102 %	70-130		04/22/23	04/25/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2316079		
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/25/23			
Surrogate: Bromofluorobenzene		96.7 %	70-130		04/22/23	04/25/23			
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/22/23	04/25/23			
Surrogate: Toluene-d8		102 %	70-130		04/22/23	04/25/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2317023		
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23			
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23			
Surrogate: n-Nonane		99.6 %	50-200		04/26/23	04/27/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2317031		

20.0

04/25/23

04/27/23

ND



Chloride

Pin	na Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
PO	Box 247	Project Number:	01058-0007	Reported:
Pla	ins TX, 79355-0247	Project Manager:	Tom Bynum	4/28/2023 4:56:29PM

S9 - 4'

		E304122-19					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	L		Batch: 2316079
Benzene	ND	0.0250	1	1	04/22/23	04/25/23	
Ethylbenzene	ND	0.0250	1	1	04/22/23	04/25/23	
Toluene	ND	0.0250	1	1	04/22/23	04/25/23	
o-Xylene	ND	0.0250	1	1	04/22/23	04/25/23	
p,m-Xylene	ND	0.0500	1	1	04/22/23	04/25/23	
Total Xylenes	ND	0.0250	1	1	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		96.1 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		102 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: S	L		Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/22/23	04/25/23	
Surrogate: Bromofluorobenzene		96.1 %	70-130		04/22/23	04/25/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		04/22/23	04/25/23	
Surrogate: Toluene-d8		102 %	70-130		04/22/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2317023
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/26/23	04/27/23	
Surrogate: n-Nonane		99.8 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: E	BA		Batch: 2317031

20.0

04/25/23

04/27/23

ND



Chloride

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:	Tom Bynum	4/28/2023 4:56:29PM

S10 - 4' E304122-20

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2316079	
Benzene	ND	0.0250		1	04/22/23	04/25/23	Butch: 2310077	
Ethylbenzene	ND	0.0250		1	04/22/23	04/25/23		
Toluene	ND	0.0250		1	04/22/23	04/25/23		
o-Xylene	ND	0.0250		1	04/22/23	04/25/23		
p,m-Xylene	ND	0.0500		1	04/22/23	04/25/23		
Total Xylenes	ND	0.0250		1	04/22/23	04/25/23		
Surrogate: Bromofluorobenzene		99.2 %	70-130		04/22/23	04/25/23		
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		04/22/23	04/25/23		
Surrogate: Toluene-d8		99.0 %	70-130		04/22/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2316079	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/22/23	04/25/23		
Surrogate: Bromofluorobenzene		99.2 %	70-130		04/22/23	04/25/23		
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		04/22/23	04/25/23		
Surrogate: Toluene-d8		99.0 %	70-130		04/22/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2317023	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23		
Oil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23		
Surrogate: n-Nonane		99.8 %	50-200	·	04/26/23	04/27/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2317031	
Chloride	ND	20.0		1	04/25/23	04/27/23		

QC Summary Data

Sea Wolf 1-12 CTB 1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/28/2023 4:56:29PM **Volatile Organic Compounds by EPA 8260B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2316079-BLK1) Prepared: 04/22/23 Analyzed: 04/24/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.492 0.500 98.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.491 0.500 98.1 70-130 0.500 101 70-130 Surrogate: Toluene-d8 0.503 LCS (2316079-BS1) Prepared: 04/22/23 Analyzed: 04/24/23 2.40 0.0250 2.50 96.2 70-130 Benzene 2.50 92.1 70-130 2.30 Ethylbenzene 0.0250 2.31 0.0250 2.50 92.3 70-130 91.5 70-130 2.29 0.0250 2.50 o-Xylene 90.2 4.51 5.00 70-130 p,m-Xylene 0.0500 6.80 0.0250 7.50 90.6 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.486 0.500 97.1 70-130 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.511 70-130 Surrogate: Toluene-d8 0.502 0.500 Matrix Spike (2316079-MS1) Source: E304122-04 Prepared: 04/22/23 Analyzed: 04/24/23 2.55 0.0250 2.50 ND 102 48-131 45-135 Ethylbenzene 2.45 0.0250 2.50 ND 98.0 98.3 48-130 Toluene 2.46 0.0250 2.50 ND 2.49 0.0250 2.50 ND 99.7 43-135 o-Xylene 4.90 ND 98.0 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.39 0.0250 7.50 ND 98.6 43-135 99.5 0.498 0.500 70-130 Surrogate: Bromofluorobenzene 0.512 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.499 Surrogate: Toluene-d8 Matrix Spike Dup (2316079-MSD1) Source: E304122-04 Prepared: 04/22/23 Analyzed: 04/24/23



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.48

2.36

2.36

2.39

4.69

7.08

0.492

0.522

0.497

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

ND

99.0

94.4

94.5

95.7

93.7

94.4

98.3

104

99.4

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

3.00

3.74

3.94

4.01

4.45

4.30

23

27

24

27

27

27

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum4/28/20234:56:29PM

M. J. J	^ · · · · · · · · · · · · · · · · · · ·	L EDA	0015D	CDO
Nonhalogenated	Organics	DV EPA	80151) -	CTKO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2316079-BLK1)							Prepared: 0	4/22/23 Analy	zed: 04/24/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
LCS (2316079-BS2)							Prepared: 0	4/22/23 Analy	zed: 04/24/23
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
Matrix Spike (2316079-MS2)				Source:	E304122-	04	Prepared: 0	4/22/23 Analy	zed: 04/24/23
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike Dup (2316079-MSD2)				Source:	E304122-0	04	Prepared: 0	4/22/23 Analy	zed: 04/24/23
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.1	70-130	1.13	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			

0.500

0.500

0.497

0.518

99.3

104

70-130

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:	Tom Bynum	4/28/2023 4:56:29PM

Plains TX, 79355-0247		Project Manager	r: Io	m Bynum				•	4/28/2023 4:56:29PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317023-BLK1)							Prepared: 0	4/26/23 Ar	alyzed: 04/26/23
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.9		50.0		108	50-200			
.CS (2317023-BS1)							Prepared: 0	4/26/23 Ar	alyzed: 04/26/23
riesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
urrogate: n-Nonane	50.2		50.0		100	50-200			
Aatrix Spike (2317023-MS1)				Source:	E304122-	20	Prepared: 0	4/26/23 Ar	alyzed: 04/26/23
riesel Range Organics (C10-C28)	264	25.0	250	ND	105	38-132			
urrogate: n-Nonane	49.7		50.0		99.5	50-200			
Matrix Spike Dup (2317023-MSD1)				Source:	E304122-2	20	Prepared: 0	4/26/23 Ar	alyzed: 04/26/23
tiesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	3.53	20	
urrogate: n-Nonane	45.5		50.0		91.0	50-200			



Chloride

M5, R3

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	ea Wolf 1-12 (1058-0007 om Bynum	CTB 1				Reported: 4/28/2023 4:56:29PM
		Anions	by EPA 3	300.0/9056	A				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317031-BLK1)							Prepared: 0	4/25/23 A	nalyzed: 04/27/23
Chloride	ND	20.0							
LCS (2317031-BS1)							Prepared: 0	4/25/23 A	nalyzed: 04/27/23
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2317031-MS1)				Source:	E304122-	01	Prepared: 0	4/25/23 A	nalyzed: 04/27/23
Chloride	2170	40.0	250	3130	NR	80-120			M5
Matrix Spike Dup (2317031-MSD1)				Source:	E304122-0	01	Prepared: 0	4/25/23 A	nalyzed: 04/27/23

250

40.0

3130

80-120

QC Summary Report Comment:

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



Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/28/23 16:56

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The

accociated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Client: Pima Environmental Services
Project: SeaWolf 1-12 CTB 1

Project Manager: Tom Bynum

Phone: 580-748-1613

Report due by:

Sampled

Email: ton @pimaoil.com

Date

Sampled

Address: 56 14 N. Lovington Hwy.

City, State, Zip Hobbs, NM, 88240

Matrix

Containers

Lab

Number

2

0

8

Lab WO# E304

> GRO/DRO by 8015 DRO/ORO by 8015

Bill To

Attention: Pima

Pima Project # 2/6

City, State, Zip

Address:

Phone:

Email:

Sample ID

01058-0007 Lab Use Only						TA		EPA Program				
Job Number					1D 2D 3D Standard			CW	Α	SDWA		
22 2004 0001 Analysis and Method				<u> </u>						RC	RA	
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10:25 + +	1 S10-3		10		
	11ing # 211251				s requiring thermal preservation must be received on ice the day they are sampled or received
 (field sampler), attest to the validity and date or time of collection is considered from 			lling the sample location,	Samples packed i	in ice at an avg temp above 0 but less than 6 °C on subsequent days.
Ralinquished by: (Signature)	Date 4/21/23 Time	Received by: (Signature) Maull Sumple	Date 4-21-23 Time	000 Rece	Lab Use Only ived on ice: (Y) N
Relinquished by: (Signature)	1930 Time	Received by: (Signature)	W/U/23 19	330 TI	<u>T2</u> <u>T3</u>
Relinquished by: (Signature)	Date 4 /21/23 6000	Received by: (Signature)	U-22-23 8	30 AVG	Temp°C \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Sample Matrix: S - Soil, Sd - Solid, Sg - Slu	dge, A - Aqueous, O - Other	(- 4.	Container Type: g -	glass, p - poly/pla	astic, ag - amber glass, v - VOA
Note: Samples are discarded 30 days samples is applicable only to those samples is applicable only to those samples are discarded as a sample of the sample of	after results are reported unless otle amples received by the laboratory w	her arrangements are made. Hazardou ith this COC. The liability of the laborato	s samples will be returned any is limited to the amou	nt paid for on the r	sed of at the client expense. The report for the analysis of the above report.
					envirotech
		Page 31	of 33		of 244

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Andrew	WEGOD		1	6/21/23 00		1 14.00	.73	g - glas	ب	AVC	Temp °C	S	1		the pay that	Constant of the	

Printed: 4/24/2023 1:24:20PM

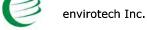
Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/22/23 0	-	Work Order ID:	E304122
Phone: Email:	(575) 631-6977 tom@pimaoil.com	Date Logged In: Due Date:	04/22/23 0	7:00 (4 day TAT)	Logged In By:	Alexa Michaels
Ellian.	tom@pimaon.com	Due Date.	04/26/23 1	7.00 (4 day 1A1)		
Chain of	Custody (COC)					
1. Does th	te sample ID match the COC?		Yes			
	te number of samples per sampling site location ma	tch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	e 	- Control	
	I samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssis.				Commen	ts/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Sea Wolf 1-12 (CTB 1 has been
Sample C	cooler				separated into 3 reports	due to high sample
	ample cooler received?		Yes		volume. Workorders ar	
8. If yes,	was cooler received in good condition?		Yes		E304121, E304122 & I	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		E304121, E304122 & 1	2304123.
10. Were	custody/security seals present?		No			
	were custody/security seals intact?		NA			
•	e sample received on ice? If yes, the recorded temp is 4°C,	ie 6°+2°C	Yes			
12. Was an	Note: Thermal preservation is not required, if samples ar minutes of sampling		105			
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°	С			
Sample C			<u> </u>			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	<u>oel</u>					
20. Were	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	'		
	ollectors name?		No			
	<u>reservation</u> the COC or field labels indicate the samples were p	ranamiad?	No			
	• • •	reserved?	No NA			
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	netale?	No			
		icuis:	110			
	se Sample Matrix	9	3.7			
	the sample have more than one phase, i.e., multipha		No			
27. II yes,	does the COC specify which phase(s) is to be analy	/zed?	NA			
	act Laboratory					
	imples required to get sent to a subcontract laborato	•	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA	
Client In	struction					



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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E409061

Job Number: 01058-0007

Received: 9/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/10/24

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

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

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

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

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

Date Reported: 9/10/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1

Workorder: E409061

Date Received: 9/10/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2024 6:00:00AM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez09/10/24 19:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 - 0'	E409061-01A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS1 - 1'	E409061-02A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS1 - 2'	E409061-03A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS1 - 3'	E409061-04A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS1 - 4'	E409061-05A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS2 - 0'	E409061-06A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS2 - 1'	E409061-07A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS2 - 2'	E409061-08A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS2 - 3'	E409061-09A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS2 - 4'	E409061-10A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS3 - 0'	E409061-11A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS3 - 1'	E409061-12A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS3 - 2'	E409061-13A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS3 - 3'	E409061-14A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS3 - 4'	E409061-15A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS4 - 0'	E409061-16A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS4 - 1'	E409061-17A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS4 - 2'	E409061-18A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS4 - 3'	E409061-19A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS4 - 4'	E409061-20A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.



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:	Gio Gomez	9/10/2024 7:14:52PM

CS1 - 0' E409061-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		101 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		101 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		80.3 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS1 - 1'

		E-107001-02					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg			Analyst	•	1 mary 200	Batch: 2437023
Volatile Organic Compounds by EPA 8260B		mg/kg		Anaryst	09/10/24	09/10/24	Batch: 243/023
Benzene	ND	0.0250		1			
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		94.4 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		101 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		94.4 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		101 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		85.7 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS1 - 2'

		70- 00					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		96.8 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		102 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		96.8 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		102 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		74.0 %	50-200		09/09/24	09/10/24	
				Analyst:	DT		Batch: 2437027
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Anaryst.	DI		Batch. 243/02/



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS1 - 3'

E409061-04
E-107001-04

		2.0,001 01					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	Dil	iution	Prepared	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		110 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		110 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		76.6 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS1 - 4'

E409061-05 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2437023 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 09/10/24 09/10/24 ND 0.0250 Benzene 09/10/24 1 09/10/24 Ethylbenzene ND 0.0250 ND 0.0250 09/10/24 09/10/24 Toluene 1 09/10/24 09/10/24 o-Xylene ND 0.0250 09/10/24 09/10/24 ND 0.0500 1 p,m-Xylene 09/10/24 09/10/24 1 Total Xylenes ND 0.0250 09/10/24 09/10/24 Surrogate: Bromofluorobenzene 104 % 70-130 09/10/24 09/10/24 Surrogate: 1,2-Dichloroethane-d4 96.0 % 70-130 Surrogate: Toluene-d8 109 % 70-130 09/10/24 09/10/24 Analyst: RKS Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Batch: 2437023 ND 09/10/24 09/10/24 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 104 % 70-130 09/10/24 09/10/24 96.0 % 09/10/24 09/10/24 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 09/10/24 09/10/24 109 % 70-130 mg/kg Analyst: KH Batch: 2437020 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 09/10/24 ND 25.0 1 09/09/24 Diesel Range Organics (C10-C28) ND 50.0 1 09/09/24 09/10/24 Oil Range Organics (C28-C36) 87.0 % 50-200 09/09/24 09/10/24 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: DT Batch: 2437027

20.0

1

09/10/24

09/10/24

ND

Chloride

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS2 - 0'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	·	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		85.7 %	50-200		09/09/24	09/10/24	
				Analyst:	DT		Batch: 2437027
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Anaryst.	. D1		Batch. 243/02/



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS2 - 1'

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		106 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		88.6 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437027
Allons by EPA 500.0/9050A	mg ng	88					



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS2 - 2'

		2.07001 00					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		105 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		83.7 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	



Volatile Organic Compounds by EPA 8260B

Analyte

Benzene

Sample Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS2 - 3'

E409061-09 Reporting Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: RKS Batch: 2437023 09/10/24 09/10/24 ND 0.0250 0.0250 09/10/24 09/10/24

Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130	09/10/24	09/10/24	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1 09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2437020

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 243/020
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		90.8 %	50-200	09/09/24	09/10/24	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2437027
Chloride	ND	20.0	1	09/10/24	09/10/24	

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS2 - 4'

		E409061-10							
Reporting									
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023		
Benzene	ND	0.0250	1	1	09/10/24	09/10/24			
Ethylbenzene	ND	0.0250	1	1	09/10/24	09/10/24			
Toluene	ND	0.0250	1	1	09/10/24	09/10/24			
o-Xylene	ND	0.0250	1	1	09/10/24	09/10/24			
p,m-Xylene	ND	0.0500	1	l	09/10/24	09/10/24			
Total Xylenes	ND	0.0250	1	1	09/10/24	09/10/24			
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24			
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		09/10/24	09/10/24			
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023		
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/10/24	09/10/24			
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24			
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		09/10/24	09/10/24			
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КН		Batch: 2437020		
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/09/24	09/10/24			
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/09/24	09/10/24			
Surrogate: n-Nonane		86.7 %	50-200		09/09/24	09/10/24			
Surrogate: n-Nonane		86.7 %	50-200		09/09/24	09/10/24			

mg/kg

20.0

Analyst: DT

09/10/24

09/10/24

mg/kg

ND



Batch: 2437027

Anions by EPA 300.0/9056A

Chloride

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS3 - 0'

E409061	_1	1
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	D-10/001-11					
Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2437023
			1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0500		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
	104 %	70-130		09/10/24	09/10/24	
	99.1 %	70-130		09/10/24	09/10/24	
	108 %	70-130		09/10/24	09/10/24	
mg/kg	mg/kg		Analyst: RKS			Batch: 2437023
ND	20.0		1	09/10/24	09/10/24	
	104 %	70-130		09/10/24	09/10/24	
	99.1 %	70-130		09/10/24	09/10/24	
	108 %	70-130		09/10/24	09/10/24	
mg/kg	mg/kg		Analyst	: KH		Batch: 2437020
ND	25.0		1	09/09/24	09/10/24	
ND	50.0		1	09/09/24	09/10/24	
	84.7 %	50-200		09/09/24	09/10/24	
	04./ 70	30-200				
mg/kg	04.7 % mg/kg	30-200	Analyst:			Batch: 2437027
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 ND 104 % 99.1 % 108 % mg/kg ND 20.0 104 % 99.1 % 108 % mg/kg ND 25.0 ND 25.0 ND 50.0	Reporting Result Limit Di mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 70-130 99.1 % 70-130 108 % 70-130 mg/kg mg/kg ND 20.0 104 % 70-130 108 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 99.1 % 70-130 1 mg/kg mg/kg Analyst ND 20.0 1 104 % 70-130 1 99.1 % 70-130 108 % 70-130 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 ND 70-130 09/10/24 99.1 % 70-130 09/10/24 108 % 70-130 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 99.1 % 70-130 09/10/24 99.1 % 70-130 09/10/24 108 % 70-130 09/10/24 108 % 70-130 09/10/24 108 % 70-130 09/10/24 108 % 70-130 09/10/24 108 % 70-130 09/10/24 ND <td>Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 70-130 09/10/24 09/10/24 99.1 % 70-130 09/10/24 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 09/10/24 99.1 % 70-130 09/10/24 09/10/24 99.1 % 70-130 09/10/24 09/10/24 108 % 70-130 09/10/24 09/10/24</td>	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 70-130 09/10/24 09/10/24 99.1 % 70-130 09/10/24 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 09/10/24 99.1 % 70-130 09/10/24 09/10/24 99.1 % 70-130 09/10/24 09/10/24 108 % 70-130 09/10/24 09/10/24



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:	Gio Gomez	9/10/2024 7:14:52PM

CS3 - 1'

		2.0,001 12					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: R		nalyst: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		79.0 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:14:52PM

CS3 - 2'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Benzene	ND	0.0250	1	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2437023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/09/24	09/10/24	
Surrogate: n-Nonane		69.7 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437027
	ND	20.0			09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS3 - 3'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	·	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		110 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		110 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		76.5 %	50-200		09/09/24	09/10/24	
A L EDA 200 0/005/ A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437027
Anions by EPA 300.0/9056A	mg/kg	mg ng					



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS3 - 4'

		12407001-13					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2437023	
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		109 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		80.6 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS4 - 0'

		E407001-10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	•		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	Butch: 2137023
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		87.2 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20247:14:52PM

CS4 - 1'

		12407001-17					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	•		Batch: 2437023
Benzene	ND	0.0250		1	09/10/24	09/10/24	Batch. 243/023
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		104 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		81.6 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2437027
Chloride	ND	20.0		1	09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS4 - 2'

l acult	Reporting	D:I	ntion	Duomonod	Amakugad	Notes
tesuit	Limit	Dil	uuon	Prepared	Anaiyzed	Notes
ng/kg	mg/kg		Analyst:	RKS		Batch: 2437023
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0500		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
	103 %	70-130		09/10/24	09/10/24	
	92.8 %	70-130		09/10/24	09/10/24	
	108 %	70-130		09/10/24	09/10/24	
	100 /0	70 150		****	03/10/27	
ng/kg	mg/kg	70 130	Analyst:		03/10/27	Batch: 2437023
ng/kg ND		70 130	Analyst:		09/10/24	Batch: 2437023
	mg/kg	70-130	Analyst:	RKS		Batch: 2437023
	mg/kg 20.0		Analyst:	RKS 09/10/24	09/10/24	Batch: 2437023
	mg/kg 20.0	70-130	Analyst:	09/10/24 09/10/24	09/10/24 09/10/24	Batch: 2437023
	mg/kg 20.0 103 % 92.8 %	70-130 70-130	Analyst: 1 Analyst:	09/10/24 09/10/24 09/10/24 09/10/24	09/10/24 09/10/24 09/10/24	Batch: 2437023 Batch: 2437020
ND	mg/kg 20.0 103 % 92.8 % 108 %	70-130 70-130	1	09/10/24 09/10/24 09/10/24 09/10/24	09/10/24 09/10/24 09/10/24	
ND	mg/kg 20.0 103 % 92.8 % 108 % mg/kg	70-130 70-130	1	09/10/24 09/10/24 09/10/24 09/10/24 KH	09/10/24 09/10/24 09/10/24 09/10/24	
ND ng/kg ND	mg/kg 20.0 103 % 92.8 % 108 % mg/kg 25.0	70-130 70-130	1	09/10/24 09/10/24 09/10/24 09/10/24 KH 09/09/24	09/10/24 09/10/24 09/10/24 09/10/24	
ND ng/kg ND	mg/kg 20.0 103 % 92.8 % 108 % mg/kg 25.0 50.0	70-130 70-130 70-130	1	RKS 09/10/24 09/10/24 09/10/24 09/10/24 KH 09/09/24 09/09/24 09/09/24	09/10/24 09/10/24 09/10/24 09/10/24 09/10/24	
ו ו ו	ND ND ND ND ND	Esult Limit g/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 103 % 92.8 %	Esult Limit Dil g/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 103 % 70-130 92.8 % 70-130	Limit Dilution g/kg mg/kg Analyst: ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1	Limit Dilution Prepared g/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 103 % 70-130 09/10/24 92.8 % 70-130 09/10/24	g/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 103 % 70-130 09/10/24 09/10/24

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:	Gio Gomez	9/10/2024 7:14:52PM

CS4 - 3'

		E409061-19				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2437023
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		108 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH		Batch: 2437020
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		92.2 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2437027
Chloride	ND	20.0	1	09/10/24	09/10/24	



Nonhalogenated Organics by EPA 8015D - DRO/ORO

Diesel Range Organics (C10-C28)

Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Sample Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

CS4 - 4' E409061-20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2437023
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		110 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2437023
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		110 %	70-130	09/10/24	09/10/24	

mg/kg

25.0

50.0

mg/kg

20.0

89.9 %

Analyst: KH

Analyst: DT

09/09/24

09/09/24

09/09/24

09/10/24

09/10/24

09/10/24

09/10/24

09/10/24

1

1

50-200

mg/kg

ND

ND

mg/kg

ND



Batch: 2437020

Batch: 2437027

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20247:14:52PM

Plains TX, 79355-0247		Project Manage	r: Gi	io Gomez				9/	/10/2024 7:14:52PN
	V	olatile Organ	ic Compo	unds by EI	PA 8260	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2437023-BLK1)]	Prepared: 0	9/09/24 Ana	llyzed: 09/09/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			
LCS (2437023-BS1)]	Prepared: 0	9/09/24 Ana	lyzed: 09/09/24
Benzene	2.39	0.0250	2.50		95.6	70-130			
Ethylbenzene	2.50	0.0250	2.50		100	70-130			
Toluene	2.53	0.0250	2.50		101	70-130			
o-Xylene	2.45	0.0250	2.50		98.0	70-130			
p,m-Xylene	4.96	0.0500	5.00		99.1	70-130			
Total Xylenes	7.41	0.0250	7.50		98.8	70-130			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			
LCS Dup (2437023-BSD1)]	Prepared: 0	9/09/24 Ana	lyzed: 09/09/24
Benzene	2.25	0.0250	2.50		89.9	70-130	6.12	23	
Ethylbenzene	2.36	0.0250	2.50		94.6	70-130	5.57	27	
Toluene	2.39	0.0250	2.50		95.4	70-130	5.68	24	
o-Xylene	2.31	0.0250	2.50		92.4	70-130	5.95	27	
p,m-Xylene	4.67	0.0500	5.00		93.4	70-130	5.95	27	
Total Xylenes	6.98	0.0250	7.50		93.1	70-130	5.95	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			

0.500

107

70-130



Surrogate: Toluene-d8

0.536

Analyst: RKS

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:14:52PM

Nonhalogenated Organics by EPA 8015D - GRO	

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

Blank (2437023-BLK1)						Prepared: 09	9/09/24 Analyz	ed: 09/09/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.514		0.500	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500	93.0	70-130			
Surrogate: Toluene-d8	0.548		0.500	110	70-130			
LCS (2437023-BS2)						Prepared: 09	0/09/24 Analyz	ed: 09/09/24
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	106	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500	102	70-130			
Surrogate: Toluene-d8	0.541		0.500	108	70-130			
LCS Dup (2437023-BSD2)						Prepared: 09	9/09/24 Analyz	ed: 09/09/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	109	70-130	2.76	20	
Surrogate: Bromofluorobenzene	0.526		0.500	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500	100	70-130			
Surrogate: Toluene-d8	0.544		0.500	109	70-130			



QC Summary Data

Sea Wolf 1-12 CTB 1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 9/10/2024 7:14:52PM Plains TX, 79355-0247 Project Manager: Gio Gomez

	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	<u> </u>
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2437020-BLK1)							Prepared: 0	9/09/24 Anal	yzed: 09/09/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			
LCS (2437020-BS1)							Prepared: 0	9/09/24 Analy	yzed: 09/09/24
Diesel Range Organics (C10-C28)	225	25.0	250		90.2	38-132			
Surrogate: n-Nonane	48.8		50.0		97.5	50-200			
LCS Dup (2437020-BSD1)							Prepared: 0	9/09/24 Anal	yzed: 09/09/24
Diesel Range Organics (C10-C28)	238	25.0	250		95.1	38-132	5.31	20	
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Sea Wolf 1-12 CTB 1 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/10/2024 7:14:52PM

Anions by EPA 300.0/9056A

		Anions by EPA 300.0/9056A							Analyst: DT			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2437027-BLK1)							Prepared: 0	9/10/24 Ana	alyzed: 09/10/24			
Chloride	ND	20.0										
LCS (2437027-BS1)							Prepared: 0	9/10/24 Ana	alyzed: 09/10/24			
Chloride	250	20.0	250		100	90-110						
LCS Dup (2437027-BSD1)							Prepared: 0	9/10/24 Ana	alyzed: 09/10/24			

250

20.0

101

90-110

0.987

253

QC Summary Report Comment:

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



Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/10/24 19:14

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.



Dal	
dancad to	Project Information
Imagina	Client: Pima Environment: Sea Wolf Project Manager: G
- 10/7/202	Address: 5614 N. L City, State, Zip Hob Phone: 806-782-1
3	Email: gio@pima

Chain of Custody

	1	1
Page _	of	P

Client: Pima Envi	ronmen	tal Servi	ces		D Bill To		100		La	ib Us	se Or	nly		10.27			TA	T	EPA P	rogram
Project: Sea Wol			<u> </u>	mag-vi	Attention: Devon			WO#		100	Job	Num			1D	2D	3D		CWA	SDWA
Project Manager: Address: 5614 N.					Address:			109	5160				000		×					
City, State, Zip Ho					City, State, Zip Phone:					-	Analy	ysis ar	nd Met	hod						RCRA
Phone: 806-782-		VI. 00240			Email:	_	10								- 1				51.1	
Email: gio@pim		1					801	8013				0						NAAL CO.	State	LTVI
Report due by:					Pima Project # $\left -2\right _{6}$		O by	yd O	8021	1260	010	300.			Z	¥		×	UT AZ	IX
Time Date Sampled Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			верос	верос			Remarks	
10:11 916	S		CS1-	0'											X					
10:23			CS1-	1.		2									1					
10:29			CS1- 2	Z'		3														
10:31			-	3'	4	4														
10:39				4.		5														
210:47			CSZ- (0'		6														
310:53			CSZ-	1		7														
11:10			CSZ- Z	21		8														
11:17			CS2-3) (9					ħ.									
11:21	1		C25- 1	1,		to														
Additional Instruct					Billing# 21/109	41														
date or time of collection	is considere					ng the sample												eived on ice the day t °C on subsequent day		ed or received
Relinquished by: (Signa	dame	Date	19/24 Time.	50	Received by: (Signature)	Date 9-9-0	24	Time	350)	Rec	eived	on ice			b Us	e Onl	y		
Relinquished by: (Signa	. 0	les Date	924 Time	130	Received by: (Signature)	9.9.2	4		45		T1				Г2			T2		
Relinquished by: (Signa	ture)	Date		100	Received by; (Signature)	Date 9-10-		Time				Tem	n °C	Ч						
Sample Matrix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other			Container	Type	: g - g	glass.	p - p	olv/p	lastic.	ag - an	nber	glas	s. v -	VOA			F
Note: Samples are disc	arded 30 d	ays after re	sults are reported	unless	other arrangements are made. Hazardous	samples will	be ret	urned	to clie	ent or	dispo	sed of	at the	client	expe	ense.	There	port for the anal	vsis of the	above
samples is applicable o	nly to thos	e samples r	eceived by the labo	orator	y with this COC. The liability of the laboratory	is limited to	the a	moun	t paid	for o	n the	report			0.045		-		, sie et tile	-3010



Client: F	ima Envi	ironment	tal Services		A Bill To	****	L		La	ıb Us	ie On	ly .		A.		TA	AT .	EPA P	rogram
			12 CTB =		Attention: Devon			WOH			Job				2D	3D	Standard	CWA	SDWA
	1anager: 5614 N.				Address: City, State, Zip			109	06				-0007						
			Л. 88240		Phone:		_				Analy	sis ar	d Metho	od	_				RCRA
	306-782-		11. 00240		Email:		100	10	10									State	
	gio@pim		1			,	801	801	27			0		1.			NM CO		TVI
Report d					Pima Project # 1-216 -		O by	to by	8023	8260	5010	300		N	¥		X	OT AZ	17
Time Sampled	Date Sampled	Matrix	No. of Containers San	nple ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
11:29	9/16	5	(CS3-	0'	11								X					-1-
11:33			(53-1		12													
11:39		- '	(253-2	1	13													
11:41			(253-31		14													
1:49				753-4		15													
3/1:56			(254-0		16													
2:06				54-11		17													
12:13				54-2		18													
12:17			C	34-31		19													
12:21		1	(254-4		20													11
	al Instruc				Billing#211	6094)												
			and authenticity o		m aware that tampering with or intentionally misla	belling the sample	e locati	ion,									ceived on ice the day of °C on subsequent da		ed or received
Relinguish	ed by: (Signal	ature)	e 919	- / /	Regerved by: (Signature)	9-9-	24	Time	350)	Rece	eived	on ice:		ab U	se On	ly		
Relinquish	ed by: (Signa	ature)	es G-9	LY Time	Received by: (Signature)	Date Q. Q.		Time	649		T1		i Na Port, North	T2			<u>T3</u>		
Relinquish	ed by: (Signa	H.S.C.	Date Q. Q.	Time	Received by: (Signature)	9-/0-		Time	00		AVG	Ten	p °C	4					
Sample Mat	rix: S - Soil, So	744	Sludge, A - Aqueo		The state of the s	Containe	r Typ	e: g - r			ASSESSMENT OF THE PARTY OF THE	100000000000000000000000000000000000000	The state of the s	oer gla	SS. V	- VOA			
Note: Sam	oles are disc	arded 30 d	ays after results	are reported u	nless other arrangements are made. Hazardo	us samples will	be re	turned	to clie	ent or	dispo	sed of	at the cli	ent ex	pense.	Ther	eport for the ana	lysis of the	above
samples is	applicable o	only to thos	e samples receiv	red by the labor	atory with this COC. The liability of the labora	tory is limited t	o the	amour	t paid	for o	n the	eport		W.G. P. J.			- Annual Conf. Street Marie		



envirotech Inc.

Envirotech Analytical Laboratory Printed: 9/10/2024 8:58:27AM

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:	09/10/24 06	6:00	Work Order II	D: E409061
Phone:	(575) 631-6977	Date Logged In:	09/09/24 15	5:42	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	09/10/24 13	7:00 (0 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	No			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i	n the field	Yes			
	i.e, 15 minute hold time, are not included in this disucssi				Comm	ents/Resolution
	urn Around Time (TAT)				Duniant Con161 10	CTD 1 has been
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Seawolf 1-12	
Sample C					separated into 3 repor	rts. E409061 to
	sample cooler received?		Yes		E409063. No. of Con	tainers and sampled
8. If yes,	was cooler received in good condition?		Yes		by name are missing	on COC by client.
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		o j	
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples an minutes of sampling	re received w/i 15	Yes			
	risible ice, record the temperature. Actual sample	e temperature: 4°	<u>C</u>			
Sample C			3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contai	ners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes			
	ate/Time Collected?		Yes	l		
	ollectors name?		No			
Sample P	reservation_					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ise?	No			
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA			
	act Laboratory					
	umples required to get sent to a subcontract laborate	ary9	No			
	subcontract laboratory specified by the client and i	-		Subcontract Lab	·NA	
		. 50 *********	,	Subcontract Eab	. 1421	
Client Ir	<u>struction</u>					

Date

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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E409062

Job Number: 01058-0007

Received: 9/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/10/24

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

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

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

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

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

Date Reported: 9/10/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1

Workorder: E409062

Date Received: 9/10/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2024 6:00:00AM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbad Project Name: Sea Wolf 1-12 CTB 1
PO Box 247 Project Number: 01058-0007
Plains TX, 79355-0247 Project Manager: Gio Gomez 09/10/24 19:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS5 - 0'	E409062-01A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS5 - 1'	E409062-02A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS5 - 2'	E409062-03A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS5 - 3'	E409062-04A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS5 - 4'	E409062-05A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS6 - 0'	E409062-06A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS6 - 1'	E409062-07A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS6 - 2'	E409062-08A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS6 - 3'	E409062-09A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS6 - 4'	E409062-10A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS7 - 0'	E409062-11A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS7 - 1'	E409062-12A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS7 - 2'	E409062-13A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS7 - 3'	E409062-14A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS7 - 4'	E409062-15A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS8 - 0'	E409062-16A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS8 - 1'	E409062-17A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS8 - 2'	E409062-18A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS8 - 3'	E409062-19A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS8 - 4'	E409062-20A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.

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:	Gio Gomez	9/10/2024 7:31:08PM

CS5 - 0' E409062-01

		E409002-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· · · · · · · · · · · · · · · · · · ·				•	- I IIIII J Zeu	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		80.9 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	

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:	Gio Gomez	9/10/2024 7:31:08PM

CS5 - 1'

E409062-02

		ъ .				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	g Analyst: RKS			Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	An	Analyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: KH		Batch: 2437021	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		80.5 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	·



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:	Gio Gomez	9/10/2024 7:31:08PM

CS5 - 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		80.0 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS5 - 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		80.9 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS5 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		91.7 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS6 - 0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.4 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		84.5 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	

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:	Gio Gomez	9/10/2024 7:31:08PM

CS6 - 1'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0500	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
	100 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
ND	20.0	1	09/10/24	09/10/24	
	95.9 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	An	alyst: KH		Batch: 2437021
ND	25.0	1	09/09/24	09/10/24	
ND	50.0	1	09/09/24	09/10/24	
	85.4 %	50-200	09/09/24	09/10/24	
mg/kg	mg/kg	An	alyst: DT		Batch: 2437031
ND	20.0	1	09/10/24	09/10/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOO % mg/kg mg/kg mg/kg ND 20.0 95.9 % mg/kg ND 25.0 ND 50.0 85.4 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Am ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Am ND 20.0 1 95.9 % 70-130 70-130 mg/kg mg/kg Am ND 25.0 1 ND 50.0 1 85.4 % 50-200 mg/kg mg/kg Am	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 mg/kg mg/kg Analyst: KH ND 25.9 % 70-130 09/10/24 mg/kg mg/kg Analyst: KH ND 25.0 1 09/09/24 ND 50.0 1 09/09/24 ND 50.0 1 09/09/24 Mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 MD 0.0250 1 09/10/24 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 09/10/24 mg/kg mg/kg Analyst: KH ND 25.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 <



Pima Environmental Services-Ca	arlsbad Project Name:	Sea Wolf 1-12 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/10/2024 7:31:08PM

CS6 - 2'

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		91.5 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	·



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:	Gio Gomez	9/10/2024 7:31:08PM

CS6 - 3'

		D				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		nalyst: RKS	TillaryZed	Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		87.8 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS6 - 4'

		E409062-10				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
o,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		90.1 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS7 - 0'

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2437024
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0500	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
	99.8 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2437024
ND	20.0	1	09/10/24	09/10/24	
	95.7 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2437021
ND	25.0	1	09/09/24	09/10/24	
ND	50.0	1	09/09/24	09/10/24	
	94.7 %	50-200	09/09/24	09/10/24	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2437031
ND	20.0	1	09/10/24	09/10/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 25.0 MD 25.0 ND 25.0 ND 50.0 94.7 % mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 95.7 % 70-130 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 94.7 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 mg/kg mg/kg Analyst: KH ND 25.7 % 70-130 09/10/24 mg/kg mg/kg Analyst: KH ND 25.0 1 09/09/24 ND 50.0 1 09/09/24 Mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 MD 0.0250 1 09/10/24 09/10/24 Mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 09/10/24 mg/kg mg/kg Analyst: KH ND 25.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 <



Pima Environmental Services-Ca	arlsbad Project Name:	Sea Wolf 1-12 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/10/2024 7:31:08PM

CS7 - 1'

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		81.1 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS7 - 2'

		2107002 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: RKS	1 11111/200	Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.7 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		75.6 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



Sample Data

Pima Environmental Services-Ca	arlsbad Project Name:	Sea Wolf 1-12 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/10/2024 7:31:08PM

CS7 - 3'

		E409062-14				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		79.5 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS7 - 4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		83.0 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	
Chloride	ND	20.0	1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 7:31:08PM

CS8 - 0'

		Reporting					
Analyte	Result	Limit	Dilut	cion l	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	P	Analyst: RKS	S		Batch: 2437024
Benzene	ND	0.0250	1	(09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	(09/10/24	09/10/24	
Toluene	ND	0.0250	1	(09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	(09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	(09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	(09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	(09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	(09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	(09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	(09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	(09/09/24	09/10/24	
Surrogate: n-Nonane		76.4 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2437031
Chloride	ND	20.0	1	(09/10/24	09/10/24	<u> </u>
•			1	(09/10/24	09/10/24	

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:	Gio Gomez	9/10/2024 7:31:08PM

CS8 - 1'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0500	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
	90.1 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
ND	20.0	1	09/10/24	09/10/24	
	98.2 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	An	alyst: KH		Batch: 2437021
ND	25.0	1	09/09/24	09/10/24	
ND	23.0			05/10/21	
ND ND	50.0	1	09/09/24	09/10/24	
		50-200	09/09/24 09/09/24		
	50.0			09/10/24	Batch: 2437031
	mg/kg ND ND ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 90.1 % mg/kg ND 20.0 98.2 %	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 90.1 % 70-130 mg/kg mg/kg An ND 20.0 1 98.2 % 70-130	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 98.2 % 70-130 09/10/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 90.1 % 70-130 09/10/24 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 09/10/24 98.2 % 70-130 09/10/24 09/10/24



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:	Gio Gomez	9/10/2024 7:31:08PM

CS8 - 2'

	Dana C				
Result		Dilution	Prepared	Analyzed	Notes
Kesuit	Lillit	Dilution	rrepared	Analyzeu	TOLES
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2437024
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0500	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
	89.9 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2437024
ND	20.0	1	09/10/24	09/10/24	
	98.6 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2437021
ND	25.0	1	09/09/24	09/10/24	
ND	50.0	1	09/09/24	09/10/24	
	83.3 %	50-200	09/09/24	09/10/24	
/1	/1	Ano	lyst: DT		Batch: 2437031
mg/kg	mg/kg	Alla	iyst. D1		Batcii. 243/031
	ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 89.9 % mg/kg MD 20.0 98.6 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 89.9 % 70-130 mg/kg mg/kg Ana ND 20.0 1 98.6 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 83.3 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 mg/kg mg/kg Analyst: KH ND 25.0 1 09/09/24 ND 50.0 1 09/09/24 ND 50.0 1 09/09/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 89.9 % 70-130 09/10/24 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 09/10/24 mg/kg mg/kg Analyst: KK ND 25.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24



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:	Gio Gomez	9/10/2024 7:31:08PM

CS8 - 3'

		D 4:				
Analisa	Dle	Reporting	D:1 -:		A 1 1	N-4
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2437024
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2437021
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		87.8 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2437031
Chloride	ND	20.0	1	09/10/24	09/10/24	•



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:	Gio Gomez	9/10/2024 7:31:08PM

CS8 - 4'

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2437024
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
ND	0.0500	1	09/10/24	09/10/24	
ND	0.0250	1	09/10/24	09/10/24	
	88.6 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2437024
ND	20.0	1	09/10/24	09/10/24	
	98.7 %	70-130	09/10/24	09/10/24	
mg/kg	mg/kg	A	nalyst: KH		Batch: 2437021
ND	25.0	1	09/09/24	09/10/24	
ND	50.0	1	09/09/24	09/10/24	
	83.1 %	50-200	09/09/24	09/10/24	
mø/kø	mø/kø	A	nalyst: DT		Batch: 2437031
mg ng					
	mg/kg ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 88.6 % mg/kg MD 20.0 98.7 % mg/kg MD 25.0 ND 50.0	Result Limit Diluti mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 88.6% 70-130 70-130 mg/kg mg/kg A ND 20.0 1 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 83.1% 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 mg/kg mg/kg Analyst: KH ND 25.0 1 09/09/24 ND 50.0 1 09/09/24 83.1 % 50-200 09/09/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 88.6 % 70-130 09/10/24 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 09/10/24 mg/kg mg/kg Analyst: KK ND 25.0 1 09/09/24 09/10/24 ND 25.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24 ND 50.0 1 09/09/24 09/10/24



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:	Gio Gomez	9/10/2024 7:31:08PM

Plains TX, 79355-0247		Project Manager	: Gi	o Gomez				9/	10/2024 7:31:08PN
		Volatile C	Organics b	y EPA 802	21B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2437024-BLK1)							Prepared: 0	9/09/24 Ana	lyzed: 09/09/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.16		8.00		89.5	70-130			
LCS (2437024-BS1)							Prepared: 0	9/09/24 Ana	lyzed: 09/09/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130			
Foluene	4.74	0.0250	5.00		94.8	70-130			
o-Xylene	4.74	0.0250	5.00		94.7	70-130			
o,m-Xylene	9.63	0.0500	10.0		96.3	70-130			
Total Xylenes	14.4	0.0250	15.0		95.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.7	70-130			
LCS Dup (2437024-BSD1)							Prepared: 0	9/09/24 Ana	lyzed: 09/09/24
Benzene	4.69	0.0250	5.00		93.8	70-130	2.13	20	
Ethylbenzene	4.84	0.0250	5.00		96.7	70-130	2.00	20	
Foluene	4.84	0.0250	5.00		96.9	70-130	2.13	20	
o-Xylene	4.84	0.0250	5.00		96.8	70-130	2.21	20	
o,m-Xylene	9.83	0.0500	10.0		98.3	70-130	2.04	20	
Total Xylenes	14.7	0.0250	15.0		97.8	70-130	2.10	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:	Gio Gomez	9/10/2024 7:31:08PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez					9/10/2024 7:31:08PN
	Non	halogenated	Organics l	by EPA 801	15D - Gl	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2437024-BLK1)							Prepared: 0	9/09/24	Analyzed: 09/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			
LCS (2437024-BS2)							Prepared: 0	9/09/24	Analyzed: 09/09/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			
LCS Dup (2437024-BSD2)							Prepared: 0	9/09/24	Analyzed: 09/09/24
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		86.9	70-130	2.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			



Surrogate: n-Nonane

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 7:31:08PM

1 mins 17t, 79555 0247		1 roject ivianage	1. 01	o Gomez					10/2021 /15110011
	Nonha	Analyst: KH							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2437021-BLK1)							Prepared: 0	9/09/24 Ana	lyzed: 09/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.3		50.0		88.7	50-200			
LCS (2437021-BS1)							Prepared: 0	9/09/24 Ana	lyzed: 09/10/24
Diesel Range Organics (C10-C28)	224	25.0	250		89.6	38-132			
Surrogate: n-Nonane	46.2		50.0		92.3	50-200			
LCS Dup (2437021-BSD1)							Prepared: 0	9/09/24 Ana	lyzed: 09/10/24
Diesel Range Organics (C10-C28)	203	25.0	250		81.1	38-132	9.90	20	

92.0

50-200



LCS Dup (2437031-BSD1)

Chloride

Analyst: DT

Prepared: 09/10/24 Analyzed: 09/10/24

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Sea Wolf 1-12 CTB 1 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/10/2024 7:31:08PM

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2437031-BLK1)]	Prepared: 0	9/10/24 Ana	lyzed: 09/10/24
Chloride	ND	20.0							
LCS (2437031-BS1)]	Prepared: 0	9/10/24 Ana	lyzed: 09/10/24
Chloride	252	20.0	250		101	90-110			

250

20.0

101

90-110

0.0975

252

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:	Gio Gomez	09/10/24 19:31

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.

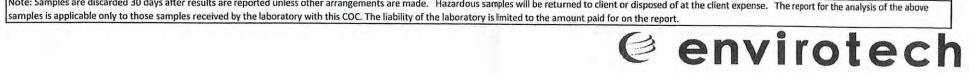


Chain of Custody

Client: Pima I	nyironm	ental Servi	ces	→ Bill To	_			l a	ib U	se Or	ll v	100		TA	T	EDA D	rogram
Project: Sea	WOIF 1	-12 CT	31	Attention: Levon		Lab	WO#				Number	1D	I2D	3D	Standard	CWA	SDWA
Project Manag	er: Gio G	omez		Address:				06			558-000°				- Tanifadi d	Citi	SOWA
Address: 5614				City, State, Zip		-					sis and Metho						RCRA
City, State, Zip		<u>VM. 88240</u>)	Phone:													
Phone: 806-7				Email:		315	115							1 1		State	
Email: gio@ Report due by:		OITI		Pima Project # 1-716-1		by 8() 8 Ac	77	0		0.0	>		1 1	NM CO	UT AZ	TX
Time Date		11-5-56		I mar roject # CIO 1	Series of the	80	RO	y 80	1 82€	601	e 30	Z	×		X		
Sampled Samp	Matri	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	верос	BGDOC			Remarks	
12:29 9/1	5 S		C55.	-0'								X					
12:30 /			CS5-	1'	2							1					
12:36			CS5-	Z'	3							T					
12:40			CS5-	3'	ч							\dagger					
2:49			CS5-	4'	5							11					
12:53			CS6-C) '	6							$\dagger \dagger$					
12:59			C56-1	\								\dagger					
1:04			CS6-2		8							\dagger					
						-	-					+	-				
1:1	-		CS6-3)	9												
1:17			CS6-4)	lo							1					
Additional Inst	ructions:			Billing#211	109	4	/							1			
I, (field sampler), att date or time of collec	est to the valid	ity and authent	icity of this sample. I	am aware that tampering with or intentionally mislabe	lling the sample	locatio	on,			Sample	es requiring thermal	preserva	tion mu	ist be rec	eived on ice the day th	ey are sample	ed or received
Relinquished by: (- Paraillad bly (Signatura)	Insta		Time			packed	in ice at an avg tem		-		°C on subsequent day	5.	
Ratime	Ham	Date		Received by: (Signature) on gold	Date 9.9.	14	13	50		Rece	eived on ice:)/ N	se Onl	у		
Refinquished by: (Signature)	des Pate	9.24 Time	Received by: (Signature)	Q. q.			645	= 7	T1	aved on ice.	T2	<i>J</i> / 14				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date 9. (0-)		Time					14			<u>T3</u>		
Sample Matrix: S - So				a majuja it racel				000			Temp °C			110:			
Note: Samples are	discarded 30) days after re	sults are reported	unless other arrangements are made. Hazardou	samples will	he ret	· R - B	to clic	p - po	Jiy/pi	astic, ag - amb	per gla	ss, v -	VOA			
samples is applica	ole only to th	ose samples r	eceived by the labo	oratory with this COC. The liability of the laborato	ry is limited to	the a	moun	t paid	for or	the r	enort	em exp	ense.	ine re	port for the analy	sis of the	above



Client: Pin	na Envi	ronment	al Servi	ces	Attention: Bill To						ie On					TAT		EPA P	rogram
Project: 5				8/				WO#				Numl			2D	3D	Standard	CWA	SDWA
Project Ma Address: 5					Address:			0	OU				1000						
City, State,				ne e	City, State, Zip Phone:						Analy	sis an	d Metho	d	_				RCRA
Phone: 80			1, 00240		Email:				/								10 20 July 10		
Email: gi				-			8015	8015	1			0	- 1				NINAL CO.	State	TTVI
Report due					Pima Project # 1-216-	- /	yd C) by	3021	260	010	300.		ΣŽ	¥		NMICO	UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC		VI_	Remarks	
1:200	1/6	5		CS7-0	1	111	-	0	ш	2	2	0		×	7				
1:25	1			CS7-1		12								1	1				
1:30				C57-2		ÍЗ								1					
1:39				C57-3		14								$\dagger \uparrow$	T				
:46				CS7-4		15								I					
1:53				CS8-0	1	16								Π					
1:59				CS8-1		17													
2:11				CS8- 2)	18								Π					
2:17				CS8-3		19								II					
2:20				CS8-4)	20								T					
Additional	Instruct	tions:			Billing# 21/0														
				icity of this sample. I a	n aware that tampering with or intentionally misla	oelling the sample	locatio	on,			Sample	es requir in ice at	ing thermal i	preserva p above	ation me O but le	ust be recei	ved on ice the day i C on subsequent da	hey are sampl ys.	ed or received
Relinguished	by: (Signa	Janu	Date	19/24 Time	Received by: (Signature)	9 9 9 6	24	Time	35	0	Reci	eived	on ice:		ab U	se Only			
Refinquished				Time	Received by: (Signature)	Q.q.		Time			T1		-11.1001	<u>T2</u>			ТЗ		
Relinquished	.)	4.00	Date	a 1 u 7 U	[Received by: (Signature)	Date		Time	60			Tem	p °C	4					
Sample Matrix	S - Soil Sd	- Solid Sg -	Sludge, A - A	queous, 0 - Other		Containe					AND RESIDENCE TO SERVICE AND ADDRESS OF THE PARTY OF THE	or Value of Property	Charles and the same	or ala	.cc .v	VOA	200 1000	Value of the American	



envirotech Inc.

Printed: 9/10/2024 9:02:52AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/10/24	06:00	Work Order ID:	E409062
Phone:	(575) 631-6977	Date Logged In:	09/09/24		Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:		17:00 (0 day TAT)	Logged III by.	Noe Solo
Lillali.	gio@pinaon.com	Due Date.	02/10/24	17.00 (0 day 1741)		
Chain of	Custody (COC)					
1. Does th	te sample ID match the COC?		Yes			
	the number of samples per sampling site location mat	ch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	'ourier	
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No	carrier. <u>c</u>	Journel	
	Il samples received within holding time?		Yes			
5. WOLG 42	Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		100		Commen	ts/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Seawolf 1-12 C	TB I has been
Sample C	<u>Cooler</u>				separated into 3 reports	. E409061 to
7. Was a s	ample cooler received?		Yes		E409063. No. of Conta	iners and sampled
8. If yes, v	was cooler received in good condition?		Yes			•
9. Was the	e sample(s) received intact, i.e., not broken?		Yes	l	by name are missing or	COC by Chell.
	custody/security seals present?		No			
	were custody/security seals intact?		NA	l		
•	e sample received on ice? If yes, the recorded temp is 4°C,	ie 6°±2°C		l		
	Note: Thermal preservation is not required, if samples are minutes of sampling	e received w/i 15	Yes			
	risible ice, record the temperature. Actual sample	temperature: 4 (<u>~</u>			
Sample C						
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	rmation:	**			
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes No			
	reservation		NO			
	the COC or field labels indicate the samples were pr	eserved?	No			
	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
	i i		110			
	se Sample Matrix	202	N.T			
	the sample have more than one phase, i.e., multipha		No			
27. II yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontra	act Laboratory					
	imples required to get sent to a subcontract laborator	•	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA	
Client In	struction					

Date

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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E409063

Job Number: 01058-0007

Received: 9/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/10/24

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

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

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

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

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

Date Reported: 9/10/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1

Workorder: E409063

Date Received: 9/10/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2024 6:00:00AM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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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	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/10/24 15:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS9 - 0'	E409063-01A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS9 - 1'	E409063-02A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS9 - 2'	E409063-03A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS9 - 3'	E409063-04A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS9 - 4'	E409063-05A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS10 - 0'	E409063-06A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS10 - 1'	E409063-07A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS10 - 2'	E409063-08A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS10 - 3'	E409063-09A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CS10 - 4'	E409063-10A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CSW1 (0-4') Comp.	E409063-11A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CSW2 (0-4') Comp.	E409063-12A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CSW3 (0-4') Comp.	E409063-13A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CSW4 (0-4') Comp.	E409063-14A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CSW5 (0-4') Comp.	E409063-15A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
CSW6 (0-4') Comp.	E409063-16A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.
BG1 - 1'	E409063-17A	Soil	09/06/24	09/10/24	Glass Jar, 2 oz.



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:	Gio Gomez	9/10/2024 3:54:46PM

CS9 - 0' E409063-01

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: F	RKS		Batch: 2437025
Benzene	ND	0.0250	1		09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1		09/10/24	09/10/24	
Toluene	ND	0.0250	1		09/10/24	09/10/24	
o-Xylene	ND	0.0250	1		09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1		09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1		09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		97.4 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2437025	
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		97.4 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0	1		09/09/24	09/10/24	_
Oil Range Organics (C28-C36)	ND	50.0	1		09/09/24	09/10/24	
Surrogate: n-Nonane		82.5 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: Γ	DT		Batch: 2437032
Chloride	ND	20.0	1		09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

CS9 - 1'

		E-107005-02					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	Batch. 243/023
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		98.1 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		98.1 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		84.1 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032
Chloride	ND	20.0		1	09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

CS9 - 2'

		E-107005-05					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:	•		Batch: 2437025
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	09/10/24	09/10/24	Batch. 243/023
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		98.1 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		98.1 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		75.6 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2437032
Chloride	ND	20.0		1	09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

CS9 - 3'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		98.4 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		98.4 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		75.2 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

CS9 - 4'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	·	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		96.8 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		103 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		96.8 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	g mg/kg Analyst: NV			Batch: 2437022		
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		88.7 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032
Allons by EPA 500.0/9050A	mg/ng	88					



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 3:54:46PM

CS10 - 0' E409063-06

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2437025
Benzene	ND	0.0250	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/10/24	09/10/24	
Toluene	ND	0.0250	1	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		100 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		69.4 %	70-130	09/10/24	09/10/24	S3
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		100 %	70-130	09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	09/10/24	09/10/24	
Surrogate: Toluene-d8		69.4 %	70-130	09/10/24	09/10/24	S3
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/24	09/10/24	
Surrogate: n-Nonane		85.6 %	50-200	09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2437032
	ND			09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

CS10 - 1' E409063-07

Dl4	Reporting	D.i.	-4:	Doggan	A	N
Result	Limit	Dill	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
ND	0.0500		1	09/10/24	09/10/24	
ND	0.0250		1	09/10/24	09/10/24	
	103 %	70-130		09/10/24	09/10/24	
	90.7 %	70-130		09/10/24	09/10/24	
	97.4 %	70-130		09/10/24	09/10/24	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
ND	20.0		1	09/10/24	09/10/24	
	103 %	70-130		09/10/24	09/10/24	
	90.7 %	70-130		09/10/24	09/10/24	
	97.4 %	70-130		09/10/24	09/10/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
ND	25.0		1	09/09/24	09/10/24	
ND	50.0		1	09/09/24	09/10/24	
	82.4 %	50-200		09/09/24	09/10/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2437032
ND	20.0		1	09/10/24	09/10/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 I03 % 90.7 % 97.4 % 97.4 % mg/kg mg/kg ND 20.0 I03 % 90.7 % 97.4 % 97.4 % mg/kg mg/kg ND 25.0 ND 50.0 82.4 % mg/kg mg/kg mg/kg	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 I03 % 70-130 90.7 % 70-130 97.4 % 70-130 90.7 % 70-130 97.4 % 70-130 97.4 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 82.4 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 90.7 % 90.7 % 70-130 70-130 mg/kg mg/kg Analyst: ND 20.0 1 103 % 70-130 70-130 90.7 % 70-130 70-130 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 82.4 % 50-200 mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0250 1 09/10/24 ND 0.0500 1 09/10/24 ND 0.0250 1 09/10/24 ND 70-130 09/10/24 90.7 % 70-130 09/10/24 97.4 % 70-130 09/10/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/10/24 90.7 % 70-130 09/10/24 97.4 % 70-130 09/10/24 97.4 % 70-130 09/10/24 97.4 % 70-130 09/10/24 97.4 % 70-130 09/10/24 ND 25.0 1 09/09/24 ND 50.0 1 09/09/24 82.4 % <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 97.4 % 70-130 09/10/24 09/10/24 97.4 % 70-130 09/10/24 09/10/24 90</td>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0500 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 ND 0.0250 1 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 90.7 % 70-130 09/10/24 09/10/24 97.4 % 70-130 09/10/24 09/10/24 97.4 % 70-130 09/10/24 09/10/24 90



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 3:54:46PM

CS10 - 2'

		E409063-08							
Reporting									
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025		
Benzene	ND	0.0250		1	09/10/24	09/10/24			
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24			
Toluene	ND	0.0250		1	09/10/24	09/10/24			
o-Xylene	ND	0.0250		1	09/10/24	09/10/24			
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24			
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24			
Surrogate: Bromofluorobenzene		126 %	70-130		09/10/24	09/10/24			
Surrogate: 1,2-Dichloroethane-d4		82.7 %	70-130		09/10/24	09/10/24			
Surrogate: Toluene-d8		97.8 %	70-130		09/10/24	09/10/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025		
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24			
Surrogate: Bromofluorobenzene		126 %	70-130		09/10/24	09/10/24			
Surrogate: 1,2-Dichloroethane-d4		82.7 %	70-130		09/10/24	09/10/24			
Surrogate: Toluene-d8		97.8 %	70-130		09/10/24	09/10/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022		
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24			
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24			
Surrogate: n-Nonane		80.6 %	50-200		09/09/24	09/10/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032		

20.0

1

09/10/24

09/10/24

ND

Chloride

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:	Gio Gomez	9/10/2024 3:54:46PM

CS10 - 3' E409063-09

		E409003-09					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Allaryte	Result	Limit	Dilui	tion	Trepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: F	RKS		Batch: 2437025
Benzene	ND	0.0250	1	[09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	l	09/10/24	09/10/24	
Toluene	ND	0.0250	1	l	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	l	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	l	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1		09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		85.5 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		97.1 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: F	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		101 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		85.5 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		97.1 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: N	IV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0	1		09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	09/09/24	09/10/24	
Surrogate: n-Nonane		77.9 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: Γ	DT		Batch: 2437032
Chloride	ND	20.0	1		09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 3:54:46PM

CS10 - 4' E409063-10

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dill	шиоп	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		139 %	70-130		09/10/24	09/10/24	S3
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		97.5 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		139 %	70-130		09/10/24	09/10/24	S3
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		97.5 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		79.7 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032
Chloride	ND	20.0		1	09/10/24	09/10/24	



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:	Gio Gomez	9/10/2024 3:54:46PM

CSW1 (0-4') Comp.

		Reporting										
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes					
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025					
Benzene	ND	0.0250		1	09/10/24	09/10/24						
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24						
Toluene	ND	0.0250		1	09/10/24	09/10/24						
o-Xylene	ND	0.0250		1	09/10/24	09/10/24						
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24						
Total Xylenes	ND	0.0250	:	1	09/10/24	09/10/24						
Surrogate: Bromofluorobenzene		91.7 %	70-130		09/10/24	09/10/24						
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		09/10/24	09/10/24						
Surrogate: Toluene-d8		101 %	70-130		09/10/24	09/10/24						
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025					
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24						
Surrogate: Bromofluorobenzene		91.7 %	70-130		09/10/24	09/10/24						
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		09/10/24	09/10/24						
Surrogate: Toluene-d8		101 %	70-130		09/10/24	09/10/24						
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022					
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24						
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24						
Surrogate: n-Nonane		66.0 %	50-200		09/09/24	09/10/24						
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032					



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:	Gio Gomez	9/10/2024 3:54:46PM

CSW2 (0-4') Comp.

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		103 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		103 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		72.1 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 3:54:46PM

CSW3 (0-4') Comp.

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		94.8 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		106 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		94.8 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		106 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		64.5 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2437032



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:	Gio Gomez	9/10/2024 3:54:46PM

CSW4 (0-4') Comp.

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		105 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		105 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		58.1 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032
Chloride	ND	20.0		1	09/10/24	09/10/24	



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

CSW5 (0-4') Comp.

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Benzene	ND	0.0250	1	1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1	l	09/10/24	09/10/24	
Toluene	ND	0.0250	1	l	09/10/24	09/10/24	
o-Xylene	ND	0.0250	1	1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1	1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1	[09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		99.8 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		102 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		99.8 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[09/09/24	09/10/24	
Surrogate: n-Nonane		77.6 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032
the state of the s	ND	20.0			09/10/24	09/10/24	·



Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

CSW6 (0-4') Comp.

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: F	RKS		Batch: 2437025
Benzene	ND	0.0250	1		09/10/24	09/10/24	
Ethylbenzene	ND	0.0250	1		09/10/24	09/10/24	
Toluene	ND	0.0250	1		09/10/24	09/10/24	
o-Xylene	ND	0.0250	1		09/10/24	09/10/24	
p,m-Xylene	ND	0.0500	1		09/10/24	09/10/24	
Total Xylenes	ND	0.0250	1		09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		102 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: F	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		102 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: N	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0	1		09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1		09/09/24	09/10/24	
Surrogate: n-Nonane		79.8 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: I	DT		Batch: 2437032



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:	Gio Gomez	9/10/2024 3:54:46PM

BG1 - 1'

		E409063-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2437025
Benzene	ND	0.0250		1	09/10/24	09/10/24	
Ethylbenzene	ND	0.0250		1	09/10/24	09/10/24	
Toluene	ND	0.0250		1	09/10/24	09/10/24	
o-Xylene	ND	0.0250		1	09/10/24	09/10/24	
p,m-Xylene	ND	0.0500		1	09/10/24	09/10/24	
Total Xylenes	ND	0.0250		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		102 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2437025
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/10/24	09/10/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		09/10/24	09/10/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		09/10/24	09/10/24	
Surrogate: Toluene-d8		102 %	70-130		09/10/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2437022
Diesel Range Organics (C10-C28)	ND	25.0		1	09/09/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0		1	09/09/24	09/10/24	
Surrogate: n-Nonane		76.6 %	50-200		09/09/24	09/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2437032
Chloride	ND	20.0		1	09/10/24	09/10/24	



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/10/2024 3:54:46PM

Plains TX, 79355-0247		Project Manage	r: Gi	io Gomez				9/	10/2024 3:54:46PM
	Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2437025-BLK1)]	Prepared: 0	9/09/24 Ana	llyzed: 09/09/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.427		0.500		85.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.387		0.500		77.3	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			
LCS (2437025-BS1)]	Prepared: 0	9/09/24 Ana	lyzed: 09/09/24
Benzene	2.85	0.0250	2.50		114	70-130			
Ethylbenzene	2.23	0.0250	2.50		89.3	70-130			
Toluene	1.78	0.0250	2.50		71.1	70-130			
o-Xylene	2.16	0.0250	2.50		86.5	70-130			
p,m-Xylene	4.31	0.0500	5.00		86.2	70-130			
Total Xylenes	6.47	0.0250	7.50		86.3	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.608		0.500		122	70-130			
Surrogate: Toluene-d8	0.397		0.500		79.3	70-130			
LCS Dup (2437025-BSD1)							Prepared: 0	9/09/24 Ana	lyzed: 09/09/24
Benzene	2.72	0.0250	2.50		109	70-130	4.83	23	
Ethylbenzene	2.36	0.0250	2.50		94.3	70-130	5.53	27	
Toluene	2.07	0.0250	2.50		82.7	70-130	15.1	24	
o-Xylene	2.32	0.0250	2.50		92.8	70-130	7.07	27	
o,m-Xylene	4.61	0.0500	5.00		92.3	70-130	6.78	27	
Total Xylenes	6.94	0.0250	7.50		92.5	70-130	6.88	27	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.557		0.500		111	70-130			

0.500

85.9

70-130



Surrogate: Toluene-d8

0.430

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Sea Wolf 1-12 CTB 1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez9/10/20243:54:46PM

Nonhalogenated Organics by EPA 8015D - GRO									Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes

					_			
Blank (2437025-BLK1)					F	repared: 09	9/09/24 Analyz	zed: 09/09/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.427		0.500	85.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.387		0.500	77.3	70-130			
Surrogate: Toluene-d8	0.481		0.500	96.2	70-130			
LCS (2437025-BS2)					P	repared: 09	9/09/24 Analyz	zed: 09/09/24
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	82.8	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500	97.0	70-130			
Surrogate: Toluene-d8	0.464		0.500	92.7	70-130			
LCS Dup (2437025-BSD2)					P	repared: 09	9/09/24 Analyz	zed: 09/09/24
Gasoline Range Organics (C6-C10)	40.3	20.0	50.0	80.5	70-130	2.82	20	
Surrogate: Bromofluorobenzene	0.518		0.500	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.595		0.500	119	70-130			
Surrogate: Toluene-d8	0.426		0.500	85.2	70-130			



QC Summary Data

Sea Wolf 1-12 CTB 1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 9/10/2024 3:54:46PM Project Manager: Gio Gomez

Plains 1 X, /9353-024/		Project Manage	r: Gi	o Gomez					9/10/2024 3:34:40FW	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: 1										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2437022-BLK1)							Prepared: 0	9/09/24 Ar	nalyzed: 09/09/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	42.2		50.0		84.5	50-200				
LCS (2437022-BS1)							Prepared: 0	9/09/24 Ar	nalyzed: 09/09/24	
Diesel Range Organics (C10-C28)	211	25.0	250		84.6	38-132				
Surrogate: n-Nonane	43.0		50.0		86.0	50-200				
LCS Dup (2437022-BSD1)							Prepared: 0	9/09/24 Ar	nalyzed: 09/09/24	
Diesel Range Organics (C10-C28)	194	25.0	250		77.7	38-132	8.44	20		
Surrogate: n-Nonane	41.9		50.0		83.8	50-200				



QC Summary Data

Analyst: DT		
Notes		
it		

Blank (2437032-BLK1)						Prepared: 09	/10/24 An	alyzed: 09/10/24
Chloride	ND	20.0						
LCS (2437032-BS1)						Prepared: 09	/10/24 An	alyzed: 09/10/24
Chloride	249	20.0	250	99.5	90-110			
LCS Dup (2437032-BSD1)						Prepared: 09	/10/24 An	alyzed: 09/10/24
Chloride	248	20.0	250	99.3	90-110	0.241	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:	Gio Gomez	09/10/24 15:54

S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	1	
Page	_of	/

Client: P	ima En	ironmen	tal Servi	ces		ention: De VOA			124	L	ab U	se Or	nly					TA	NT .	EPA P	rogram
Project: Project N				1	17 17 18 1	STORE OF THE STORE			Lab Wolf Job Number							D	2D	3D	Standard	CWA	SDWA
			on Hwy.		Address: City, State, Zip				409	Ole	-			000		X					
			M. 88240			one:	-	-				Anal	ysis ar	d Meth	hod	_					RCRA
Phone:			VI. 002-10		08.000	nail:		- 0	100											State	
Email:			1		530.9		,	- 801	8015				0						NMI CO	UT AZ	TX
Report d	ue by:				Pi	ma Project # 1-216-		0 by	o by	802	8260	010	300			S	×		X	UI AZ	1/
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Numbe	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	BGDOC			Remarks	
2:16	9/6	5		C\$9-0) 1		1								>	0					
2:19	1			CS9-1	(2	C. C.									•				
2:20				CS9- 2			3														
2:23				CS9-3			4														
2:3/				CS9- 4'			5														
2:37				CS10-0			6														
2:38				C210-1			7														
2:40				CS10-2	\		8														
2:45				CS10-5			9														
2:56				CS10-4			VO														
Addition	al Iństru	tions:		P	Sil	ing #211009	11														
				icity of this sample. I a		that fampering with or intentionally mislab Sampled by:	elling the sam	ple loca	tion,										ceived on ice the day is °C on subsequent da		ed or received
Relinquished by: (Signature) Date 924 Time 50 Received by: (Signature)					Date G-9	24 Time Lab Use Only Received on ice: (Y) / N															
Relinquished by: (Signature) Date G. G. J. Time Redived by: (Signature)				Date Q. q	Time /																
Relinquistled by: (Signature) Date 1 Time Received by: (Signature) Received by: (Signature) Received by: (Signature)					Date	24 0600 AVG Temp °C 4															
Sample Mat	rix: S - Soil, S			queous, O - Other	~	They is the	Contair					oly/n	lastic	ag - an	nher o	dase	s v -	VOA	4. W	in the p	
Note: Sam	oles are dis	carded 30 d	ays after res	sults are reported u	nless oth	er arrangements are made. Hazardou	s samples w	ill be re	eturnec	to cli	ent o	dispo	sed of	at the c	client	expe	ense.	Ther	eport for the ana	lysis of the	above
samples is	applicable	only to thos	e samples re	eceived by the labor	atory wi	th this COC. The liability of the laborate	ory is limited	to the	amour	t paid	for o	n the	report							,,	



Project Information

P	,
age	
233	
of 244	

Client: Pima E	vironmen	tal Servic	es		⊕ Bill	То	-		(A. (2) (2) (3)	la	h He	e On	fv				TA	T	LEDAT	rogram
Project: Sen Wolf 1-12 CTB1 Attention: PUIN							lab	WO#	A STATE OF THE STA		Job Number				2D	3DT			SDWA	
Project Manager: Gio Gómez Address:						FU	69	O63		01058-000						- Curricia d	CWA	JUNA		
Address: 5614				23402900425	State, Zip						-			Metho					97	RCRA
City, State, Zip		M. 88240		Pho	ne:															
Phone: 806-78				Ema		ment (Continue y Long)		8015	8015										State	
Email: gio@p	maoii.com	1		Pim	a Project#	-216-1		by 80	oy 80	21	0	0	0.0		ΣN			NM C	UT AZ	XT
Report due by: Time Date		T T	_		a i iojoot ii i	010 1	To between)RO	ORO	y 80	y 826	601	Je 30			¥		X		
Sampled Sample		No. of Containers	Sample ID				Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	верос			Remark	s
3:11 9/6	5		CSW	1 (0-	4') com	P.	ĬŢ.								X					-
3:20			CSWZ	6-	4") (OMF.	?	12													
3:29			csw3	(0-4	i) comp	?	13													
3:33			CSW4	10-	4') COMP.		19													
3:40			CSW5	10-1	1') comp.		15													
3:43			CSWb	(0-	4) comp)	16													
3:49	- 1		BG1-	٠/,			n								1					
Additional Instr	uctions:				Billing	#211	000	14	1											
I, (field sampler), attes date or time of collect					at tampering with or inter Sampled by:	ntionally mislabelli	ng the sample	locatio	on,			Sample packed	s requir	ng thermal p an avg temp	preserva p above (tion mu: 0 but les	st be rec	eived on ice the da °C on subsequent	they are samp	led or received
Relinquished by: (Si		e Pate	9/24 Time	20	Received by: (Signature	forentec	Date G-92	4	Time	50		Rece	ived	on ice:	1	ab Us	e Onl	У	J.	
Relinquished by: (Signature) Date 9 9 4 4 1630 Received by (Signature)				Date 9.2	24 1648 T1 T2 T3															
Relinquished by: (Signature) Date Time Received by: (Signature) Q. Q. 24 2400 Relinquished by: (Signature)					Date	Oate Time AVG Temp °C 4														
Sample Matrix: S - Soil	Sd - Solid, Sg -	Sludge, A - Aqu	ueous, O - Other		1-1		Container	Type	: g - g	lass. r) - pc	lq/yl	astic.	g - amb	er plas	s. v -	VOA			
Note: Samples are d	iscarded 30 d	ays after resu	ılts are reported	unless other	arrangements are mad this COC. The liability	de. Hazardous s	amples will	be ret	urned	to clie	nt or	dispo	sed of	at the clie	ent exp	ense.	The re	port for the ar	alysis of the	above
										- Pares	2. 01		-				-			



Envirotech Analytical Laboratory Printed: 9/10/2024 9:05:02AM

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:	09/10/24		Work Order ID:	E409063
Phone:	(575) 631-6977	Date Logged In:	09/09/24		Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	09/10/24	17:00 (0 day TAT)		
Chain of	Custody (COC)					
1. Does th	ne sample ID match the COC?		Yes			
2. Does th	e number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Commer</u>	nts/Resolution
	urn Around Time (TAT)				Project Secural 1 12 (TD 1 has been
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Seawolf 1-12 (
Sample C					separated into 3 reports	
	sample cooler received?		Yes		E409063. No. of Conta	niners and sampled
	was cooler received in good condition?		Yes		by name are missing or	n COC by client.
9. Was the	e 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			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		<u> </u>				
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	<u>oel</u>					
20. Were	— field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	'		
_	ollectors name?		No			
	reservation the COC or field labels indicate the samples were pr	ranamiad?	No			
	imple(s) correctly preserved?	csciveu:				
	filteration required and/or requested for dissolved n	netals?	NA No			
	•	icais.	110			
	se Sample Matrix	9	3.7			
	the sample have more than one phase, i.e., multipha		No			
	does the COC specify which phase(s) is to be analy	zeu?	NA			
	act Laboratory					
	imples required to get sent to a subcontract laborato	-	No			
29. Was a	subcontract laboratory specified by the client and it	so who?	NA	Subcontract Lab	: NA	
Client In	<u>istruction</u>					
1						
1						
						0

Date

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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

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

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

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

QUESTIONS

Action 390157

QUESTIONS

Operator:	OGRID:					
DEVON ENERGY PRODUCTION COMPANY, LP	6137					
333 West Sheridan Ave.	Action Number:					
Oklahoma City, OK 73102	390157					
	Action Type:					
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)					

QUESTIONS

Prerequisites							
Incident ID (n#)	nAPP2303755349						
Incident Name	NAPP2303755349 SEAWOLF 1-12 CTB 1 @ 0						
Incident Type	Produced Water Release						
Incident Status	Remediation Closure Report Received						
Incident Facility	[fAPP2130627287] SEAWOLF 1-12 CTB 1						

Location of Release Source						
Please answer all the questions in this group.						
Site Name	SEAWOLF 1-12 CTB 1					
Date Release Discovered	02/06/2023					
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: Equipment Failure Pipeline (Any) Produced Water Released: 23 BBL Recovered: 20 BBL Lost: 3 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)	One of the 5 main water lines from the 3 phases developed a large pin hole. The Lease Operator shut in all the wells to stop the leak. The leak was on the pad, not in a lined containment, and did not go offsite. 23 bbls spilled. 20 bbls recovered.						

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

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

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

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

QUESTIONS, Page 2

Action 390157

Phone: (505) 476-3470 Fax: (505) 476-3462	•
QUESTI	IONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 390157 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional

Email: Dale.Woodall@dvn.com

Date: 10/04/2024

I hereby agree and sign off to the above statement

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

QUESTIONS, Page 3

Action 390157

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	390157
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release an	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	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		
Please answer all the questions th	at apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation p	plan approval with this submission	Yes
Attach a comprehensive report der	monstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in mi	lligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	3130
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	IMAC unless the site characterization report includes completed elines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date wil	I the remediation commence	
On what date will (or did) th	ne final sampling or liner inspection occur	09/06/2024
On what date will (or was) t	he remediation complete(d)	09/06/2024
What is the estimated surfa	ce area (in square feet) that will be reclaimed	0
What is the estimated volun	ne (in cubic yards) that will be reclaimed	20
What is the estimated surfa	ce area (in square feet) that will be remediated	0
What is the estimated volun	ne (in cubic yards) that will be remediated	20
These estimated dates and measur	rements are recognized to be the best guess or calculation at the	e time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed	d remediation measures may have to be minimally adjusted in a	accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

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Oil Conservation Division
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QUESTIONS, Page 4

Action 390157

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	390157
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement

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

Date: 10/04/2024

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

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QUESTIONS, Page 5

Action 390157

QUESTIONS (continued)

Operator:	OGRID:
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333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	390157
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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Action 390157

QUESTIONS (continued)

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

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	380359
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/06/2024
What was the (estimated) number of samples that were to be gathered	57
What was the sampling surface area in square feet	1722

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	0	
What was the total volume (cubic yards) remediated	20	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	20	
Summarize any additional remediation activities not included by answers (above)	Devon Energy scraped 20 yds of surface staining, no futther remediation was required.	

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

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

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 10/04/2024

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QUESTIONS, Page 7

Action 390157

QUESTIONS (continued)

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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 390157

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	10/7/2024
crystal.walker	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	10/7/2024