SEAWOLF 1-12 CTB 1

Devon Energy

Seawolf 1-12 CTB 1

Incident ID NAPP223325515

Facility ID fAPP2130627287

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

NOVEMBER 4, 2024

PIMA ENVIRONMENTAL SERVICES, LLC

5614 N Lovington Hwy, Hobbs, NM 88240

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

November 4, 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 32.077011, Longitude -103.526712
UL "C", Sec.1, T26S, R33E
Lea County, NM
NMOCD Ref. No. NAPP2233245515

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 and crude oil release that occurred at the Seawolf 1-12 CTB 1 (Seawolf). The initial C-141 was submitted on December 12, 2022. This incident was assigned Incident ID NAPP2233245515, by the New Mexico Oil Conservation Division (NMOCD). The original report submitted addressed two incidents, NAPP2303755349 and NAPP2233245515, we are separating the incidents.

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 32.077011, Longitude -103.526712, 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. The groundwater information from C-04628-POD1, which is located approximately 1,026 feet to the north of this release area, establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by Atkins Engineering Associates, Inc. on June 9, 2022. The bore was left open for the required 72-hour timeframe then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on June 13, 2022. 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. See Appendix A for referenced water surveys, and water-related maps.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	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.

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Release Information

NAPP2233245515 On November 28, 2022, a line developed a leak, causing fluid to be released. The released fluids were calculated to be approximately 273 barrels (bbls) of produced water and 20 bbls of crude oil, vacuum trucks were able to recover approximately 20 bbls of crude oil and 170 bbls of produced water. Total of 190 bbls of standing fluid.

Site Assessment and Soil Sampling Results

On April 20, 2023, Pima mobilized personnel to the site to perform a site assessment and collect soil samples. Grab samples were collected within and around the impacted area utilizing a hand auger. Seven (7) bottom samples labeled S1-S7 were collected at 1', 2', 3' and 4' below ground surface, and seven (8) sidewall samples were collected at a depth of 6" below ground surface labeled SW1-SW7 and SW14. The laboratory results of this sampling event can be found in the following data table. Samples S8-S10 and SW8-SW13 were collected for Incident NAPP2303755349 and was addressed in a separate closure report. A Site Map of this sampling event can be found in Figure 4.

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						
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
S-1	1'	ND	ND	ND	ND	ND	0	101
	2'	ND	ND	ND	ND	ND	0	649
	3'	ND	ND	ND	ND	ND	0	3130
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	1400
	2'	ND	ND	ND	ND	ND	0	618
	3'	ND	ND	ND	ND	ND	0	522
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	93.4
	2'	ND	ND	ND	ND	ND	0	574
	3'	ND	ND	ND	ND	ND	0	643
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	38.6
	2'	ND	ND	ND	ND	ND	0	564
	3'	ND	ND	ND	ND	ND	0	404
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	168
	2'	ND	ND	ND	ND	ND	0	629
	3'	ND	ND	ND	ND	ND	0	293
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	298
	2'	ND	ND	ND	ND	ND	0	652
	3'	ND	ND	ND	ND	ND	0	283
	4'	ND	ND	ND	ND	ND	0	ND
S-7	1'	ND	ND	ND	ND	ND	0	84.4
	2'	ND	ND	ND	ND	ND	0	525
	3'	ND	ND	ND	ND	ND	0	347
	4'	ND	ND	ND	ND	ND	0	ND
S-8	1'	ND	ND	ND	ND	ND	0	92
	2'	ND	ND	ND	ND	ND	0	660
	3'	ND	ND	ND	ND	ND	0	376
	4'	ND	ND	ND	ND	ND	0	ND
S-9	1'	ND	ND	ND	ND	ND	0	95.1
	2'	ND	ND	ND	ND	ND	0	619
	3'	ND	ND	ND	ND	ND	0	297
	4'	ND	ND	ND	ND	ND	0	ND
S-10	1'	ND	ND	ND	ND	ND	0	66.8
	2'	ND	ND	ND	ND	ND	0	659
	3'	ND	ND	ND	ND	ND	0	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 Report can be found in Appendix E.

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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 61 yards of 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.

Countermeasures due to Rejection (372522)

On August 19, 2024, 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#) NAPP2233245515 for the following reasons:

- **Closure Report denied due to lack of sampling. Spill calculations have three different areas identified for release of 273bbls produced water and 20bbls of crude oil with 190bbls of fluid recovered. A total of 19,812 square feet was impacted according to the spill calculations sheets provided. Per 19.15.29.2.D.(1).(c). the responsible party may elect to perform a compositive and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet. This release would require a minimum of 100 samples. 24 were taken. Please provide proper Sample Notification pursuant to 19.15.29.12D.(1).(a). NMAC. Failure to provide sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5. NMAC. Failure to submit a complete remediation and/or remediation closure report by January 1st, 2025, is subject to compliance enforcement penalties pursuant to 19.15.5. NMAC.**

The rejected C-141 can be found in the (OCD Online: Permitting - Action Status, under the Application ID 372522. 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."

Pima contacted the Devon Construction Department to further investigate the circumstances of the identified spill areas. Devon informed Pima that the 30 x 30 area totaling 900 square feet reported on their spill volume calculator was connected to the spill area totaling 12,303 square feet that was also reported. After assessing the area, the actual square footage of these combined areas totaled 12,982 square feet. The spill volume calculator showing 6,609 square feet totaled 6,830 square feet. All these areas were scraped 6" below ground surface by Devon Construction in an effort to minimize saturation and contamination. Approximately 370 cubic yards was scraped. All contaminated material was hauled to R-360 Environmental Solutions, an approved, lined disposal facility.

In response to the closure report rejection, on October 18, 2024, Pima submitted a 48- sampling notification (Appendix C). On October 22,2024 and October 23, 2024, Pima personnel returned to the site to reassess the release area and collect the additional samples requested by the NMOCD. Thirty-four (34) bottom samples labeled CS1-CS34 were collected at depths of 1', 2', 3' and 4', and six (6) composite sidewall samples 0-4' labeled CSW1-CSW6 were collected from the spill area that totaled 6,830 square feet referenced in Sample Map (A) (Figure 6). Sixty (60) bottom samples labeled CS35-CS95 were collected at depths of 1', 2', 3', and 4', and six (6) composite sidewall samples 0-4' bgs labeled CSW7-CSW12 were collected from the spill area totaling 12,982 square feet referenced in Sample Map (B) (Figure 7). The results of this sampling event can be found in the Data Tables referenced in Figure 8. Complete Laboratory Reports can be found in Appendix E. Photographic Documentation of this sampling event can be found in Appendix D. The yellow spill area shown on Sample Map (B) (Figure 7) totaling 1,024 square feet was eliminated from the sampling event. That spill area was addressed in a previously submitted closure report for Incident NAPP2303755349 that was approved by NMOCD on October 7, 2024 (OCD Online: Permitting – Application ID 390157). A Confirmation Sample Map can be referenced in Figure 5 showing the samples that were collected for that area.

Closure Request

On behalf of Devon, Pima requests that this remediation closure report for Incident ID NAPP2233245515 be approved. The contamination levels in the soil are under the regulatory limits as per Table 1 19.15.29. NMAC and do not require further remediation. After careful review, Pima requests that this incident be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.29.12 NMAC and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

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Should you have any questions or need additional information, please feel free to contact:
Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.
Pima Environmental - 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 (Incident NAPP2303755349)
6- Confirmation Sample Map (A)
7- Confirmation Sample Map (B)
8- Data Tables

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

Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

5-Confirmation Sample Map
(Incident NAPP2303755349)

6-Confirmation Sample Map (A)

7-Confirmation Sample Map (B)

8-Data Tables

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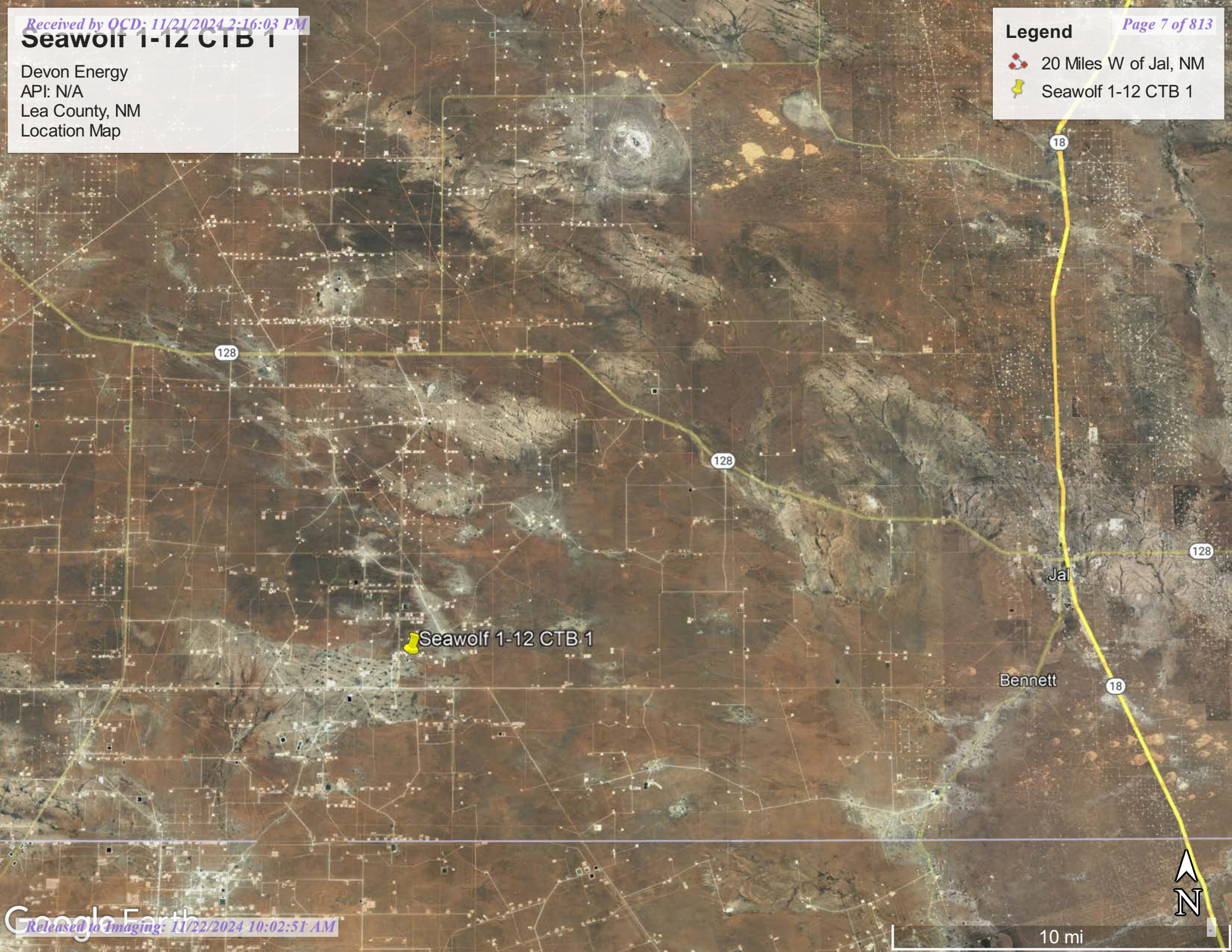
Seawolf 1-12 CTB 1

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

Legend

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



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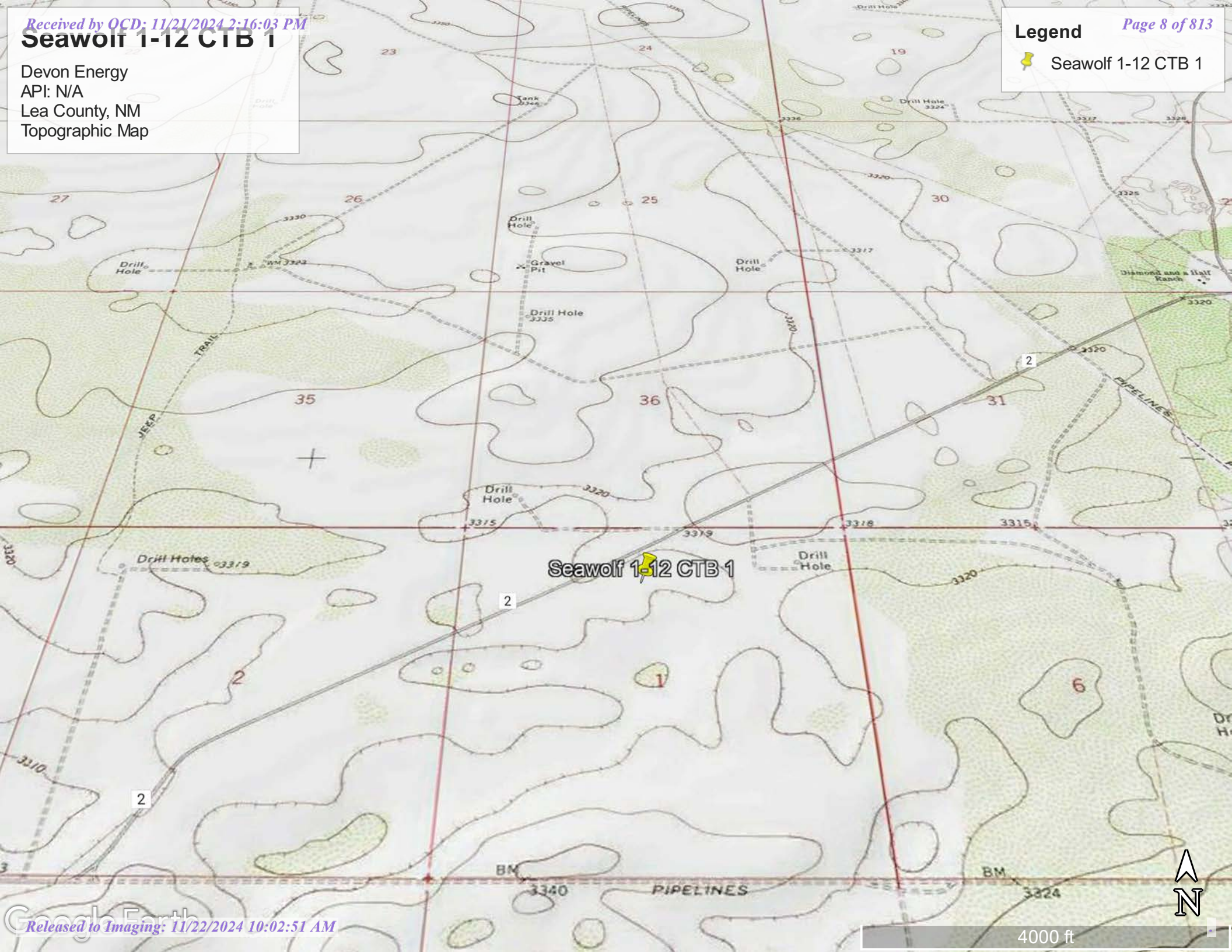
Received by OCD: 11/21/2024 2:16:03 PM

Seawolf 1-12 CTB 1

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



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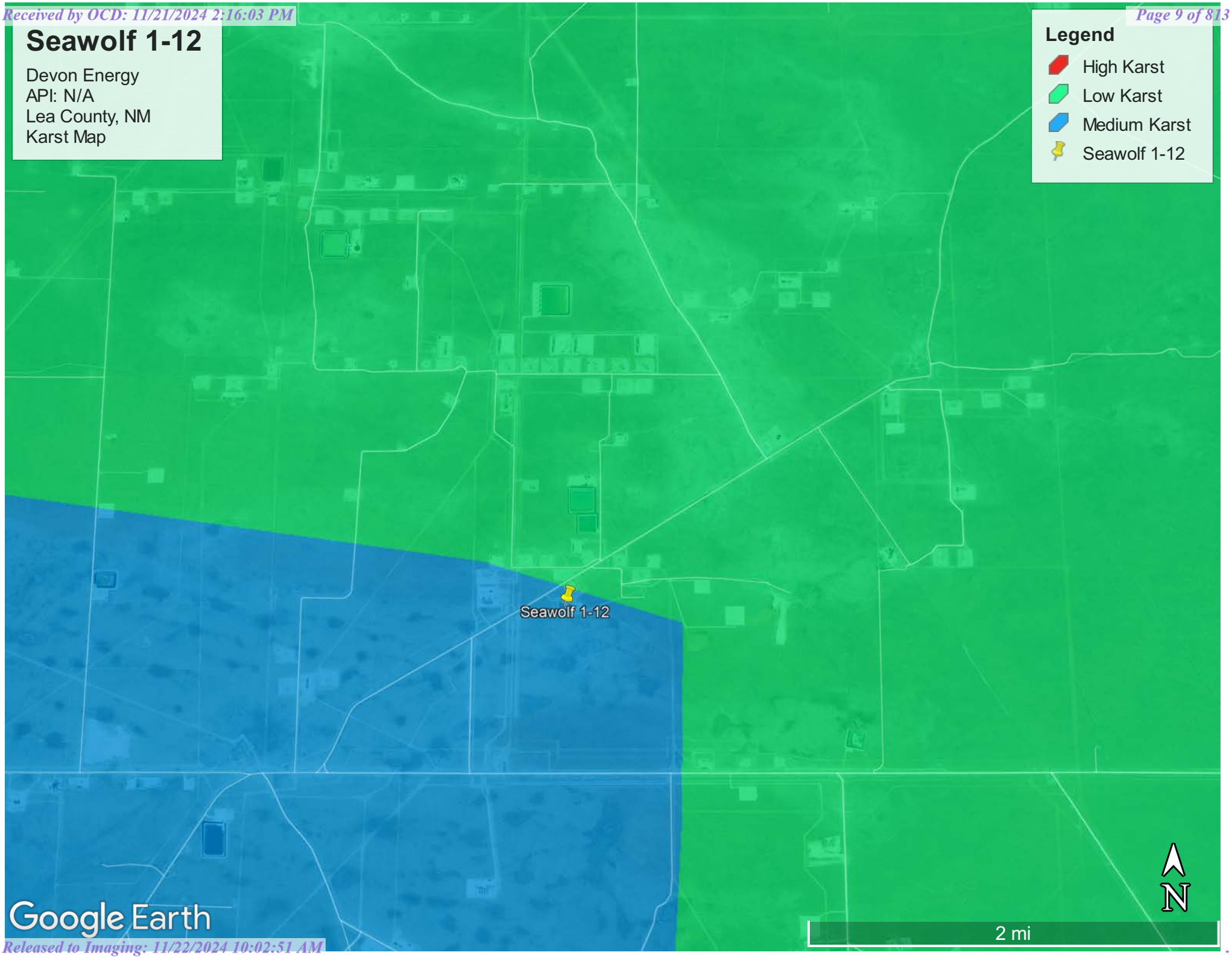
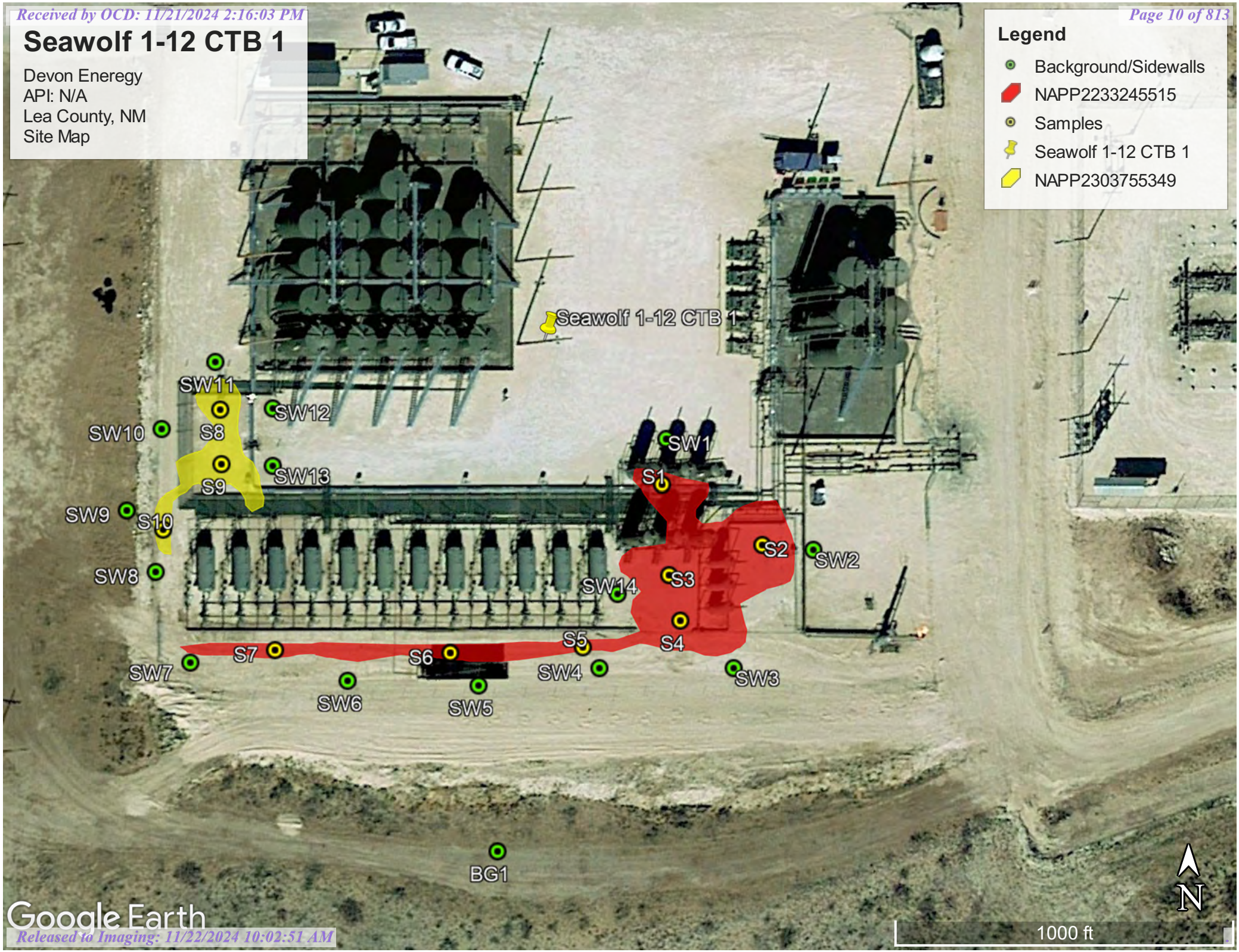
Seawolf 1-12

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



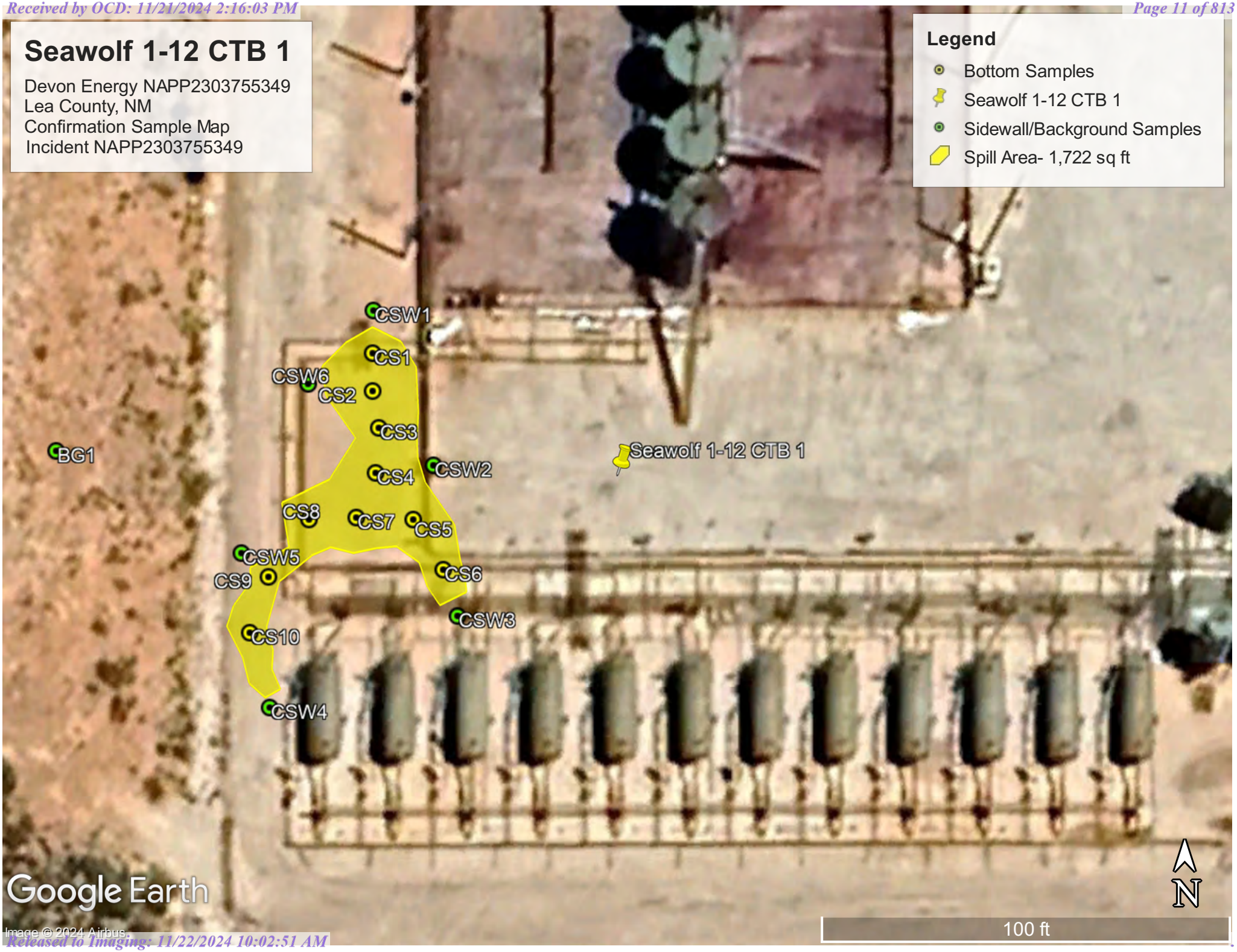
Seawolf 1-12 CTB 1

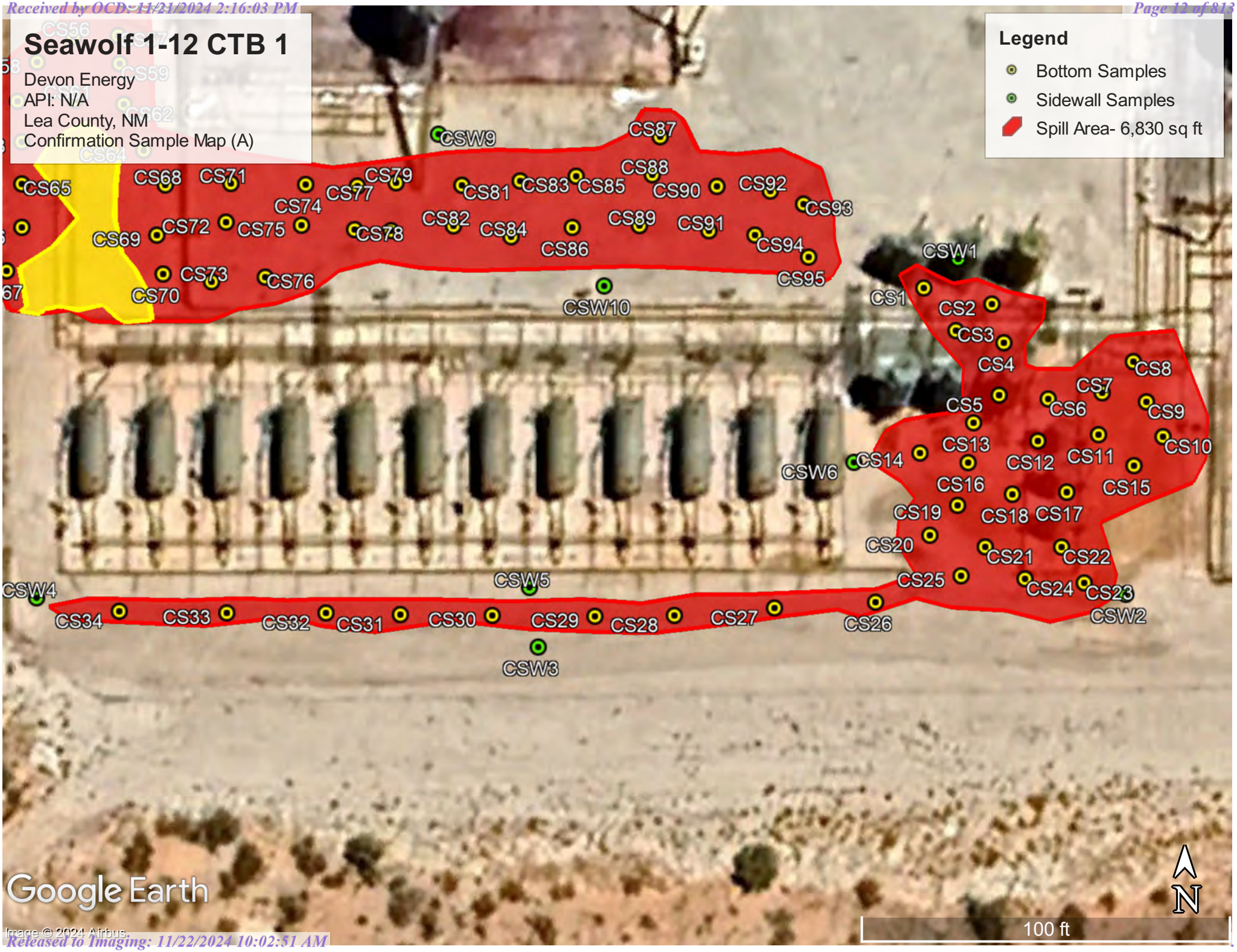
Devon Eneregy
API: N/A
Lea County, NM
Site Map



Seawolf 1-12 CTB 1

Devon Energy NAPP2303755349
Lea County, NM
Confirmation Sample Map
Incident NAPP2303755349




Seawolf 1-12 CTB 1
Devon Energy
API: N/A
Lea County, NM
Confirmation Sample Map (A)
Legend
Bottom Samples
Sidewall Samples
Spill Area- 6,830 sq ft
CSW9
CS87
CS88
CS68
CS71
CS79
CS65
CS74
CS77
CS81
CS83
CS85
CS90
CS92
CS93
CS72
CS75
CS78
CS82
CS84
CS89
CS91
CS69
CS86
CS94
CS73
CS76
CS95
CS70
CSW10
CSW1
CS1
CS2
CS3
CS4
CS8
CS7
CS5
CS6
CS9
CS13
CS14
CS12
CS11
CS10
CSW6
CS16
CS15
CS19
CS18
CS17
CS20
CS21
CS22
CSW4
CSW5
CS25
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CS34
CS33
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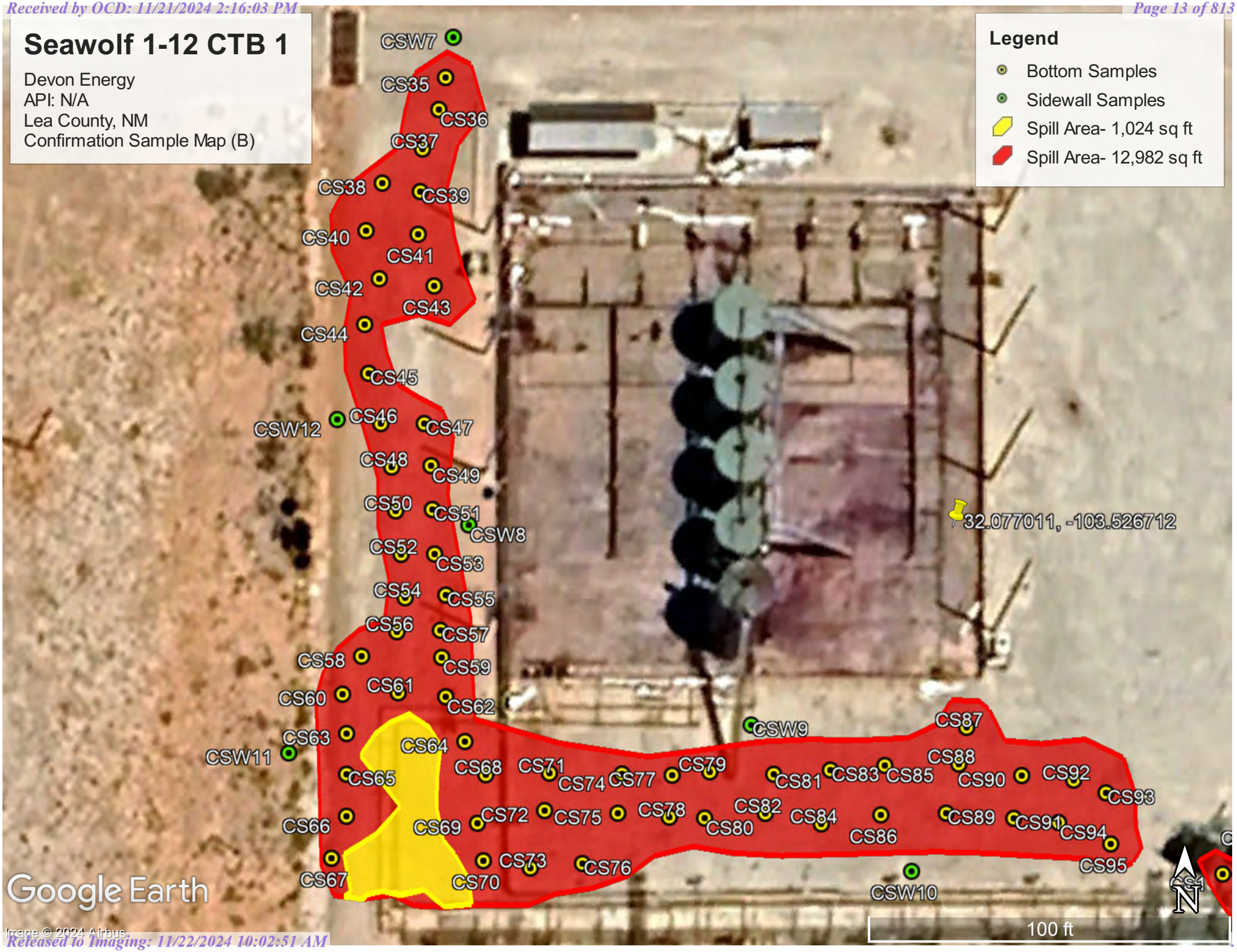
CS31
CS30
CS29
CS28
CS27
CS26
CSW2
CSW3
Google Earth
Image © 2024 Airbus
N
100 ft

Seawolf 1-12 CTB 1

Devon Energy
API: N/A
Lea County, NM
Confirmation Sample Map (B)



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy/Sea Wolf 1-12 CTB1								
Sample Date:10/22/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	1'	ND	ND	ND	ND	ND	ND	254
	2'	ND	ND	ND	ND	ND	ND	388
	3'	ND	ND	ND	ND	ND	ND	162
	4'	ND	ND	ND	ND	ND	ND	259
CS2	1'	ND	ND	ND	ND	ND	ND	299
	2'	ND	ND	ND	ND	ND	ND	138
	3'	ND	ND	ND	ND	ND	ND	271
	4'	ND	ND	ND	ND	ND	ND	251
CS3	1'	ND	ND	ND	ND	ND	ND	182
	2'	ND	ND	ND	ND	ND	ND	269
	3'	ND	ND	ND	ND	ND	ND	284
	4'	ND	ND	ND	ND	ND	ND	278
CS4	1'	ND	ND	ND	ND	ND	ND	121
	2'	ND	ND	ND	ND	ND	ND	259
	3'	ND	ND	ND	ND	ND	ND	48.9
	4'	ND	ND	ND	ND	ND	ND	205
CS5	1'	ND	ND	ND	ND	ND	ND	235
	2'	ND	ND	ND	ND	ND	ND	347
	3'	ND	ND	ND	ND	ND	ND	236
	4'	ND	ND	ND	ND	ND	ND	63.6
CS6	1'	ND	ND	ND	ND	ND	ND	176
	2'	ND	ND	ND	ND	ND	ND	190
	3'	ND	ND	ND	ND	ND	ND	223
	4'	ND	ND	ND	ND	ND	ND	301
CS7	1'	ND	ND	ND	ND	ND	ND	498
	2'	ND	ND	ND	ND	ND	ND	160
	3'	ND	ND	ND	ND	ND	ND	132
	4'	ND	ND	ND	ND	ND	ND	76.7
CS8	1'	ND	ND	ND	ND	ND	ND	136
	2'	ND	ND	ND	ND	ND	ND	139
	3'	ND	ND	ND	ND	ND	ND	48.7
	4'	ND	ND	ND	ND	ND	ND	22

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy/Sea Wolf 1-12 CTB1								
Sample Date:10/22/24		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
CS9	1'	ND	ND	ND	ND	ND	ND	342
	2'	ND	ND	ND	ND	ND	ND	67.3
	3'	ND	ND	ND	ND	ND	ND	203
	4'	ND	ND	ND	ND	ND	ND	33.2
CS10	1'	ND	ND	ND	ND	ND	ND	139
	2'	ND	ND	ND	ND	ND	ND	206
	3'	ND	ND	ND	ND	ND	ND	59.5
	4'	ND	ND	ND	ND	ND	ND	32.4
CS11	1'	ND	ND	ND	ND	ND	ND	292
	2'	ND	ND	ND	ND	ND	ND	161
	3'	ND	ND	ND	ND	ND	ND	40.5
	4'	ND	ND	ND	ND	ND	ND	26.1
CS12	1'	ND	ND	ND	ND	ND	ND	216
	2'	ND	ND	ND	ND	ND	ND	153
	3'	ND	ND	ND	ND	ND	ND	49.5
	4'	ND	ND	ND	ND	ND	ND	199
CS13	1'	ND	ND	ND	ND	ND	ND	290
	2'	ND	ND	ND	ND	ND	ND	322
	3'	ND	ND	ND	ND	ND	ND	307
	4'	ND	ND	ND	ND	ND	ND	324
CS14	1'	ND	ND	ND	ND	ND	ND	274
	2'	ND	ND	ND	ND	ND	ND	533
	3'	ND	ND	ND	ND	ND	ND	284
	4'	ND	ND	ND	ND	ND	ND	328
CS15	1'	ND	ND	ND	ND	ND	ND	292
	2'	ND	ND	ND	ND	ND	ND	316
	3'	ND	ND	ND	ND	ND	ND	581
	4'	ND	ND	ND	ND	ND	ND	269
CS16	1'	ND	ND	ND	ND	ND	ND	363
	2'	ND	ND	ND	ND	ND	ND	341
	3'	ND	ND	ND	ND	ND	ND	258
	4'	ND	ND	ND	ND	ND	ND	285

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy/Sea Wolf 1-12 CTB1								
Sample Date:10/22/24		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
CS17	1'	ND	ND	ND	ND	ND	ND	340
	2'	ND	ND	ND	ND	ND	ND	383
	3'	ND	ND	ND	ND	ND	ND	276
	4'	ND	ND	ND	ND	ND	ND	269
CS18	1'	ND	ND	ND	ND	ND	ND	355
	2'	ND	ND	ND	ND	ND	ND	364
	3'	ND	ND	ND	ND	ND	ND	271
	4'	ND	ND	ND	ND	ND	ND	279
CS19	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS20	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS21	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS22	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	24.8
CS23	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	27.1
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS24	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	20.5
	3'	ND	ND	ND	ND	ND	ND	34.3
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy/Sea Wolf 1-12 CTB1								
Sample Date:10/22/24		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
CS25	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	34.9
	3'	ND	ND	ND	ND	ND	ND	31.9
	4'	ND	ND	ND	ND	ND	ND	ND
CS26	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	46.3
	3'	ND	ND	ND	ND	ND	ND	25.6
	4'	ND	ND	ND	ND	ND	ND	ND
CS27	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS28	1'	ND	ND	ND	ND	ND	ND	45.5
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	37.9
	4'	ND	ND	ND	ND	ND	ND	58.7
CS29	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	35.1
CS30	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	26
	3'	ND	ND	ND	ND	ND	ND	35.8
	4'	ND	ND	ND	ND	ND	ND	ND
CS31	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS32	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy/Sea Wolf 1-12 CTB1								
Sample Date:10/22/24		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
CS33	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS34	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS35	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS36	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS37	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS38	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS39	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS40	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy/Sea Wolf 1-12 CTB1								
Sample Date:10/22/24		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
CS41	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS42	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS43	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS44	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS45	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS46	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS47	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS48	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy/Sea Wolf 1-12 CTB1								
Sample Date:10/22/24		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
CS49	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS50	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS51	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS52	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS53	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS54	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS55	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Company Name Site/Location Name								
Sample Date: 10/23/2024		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
CS56	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS57	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS58	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS59	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS60	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS61	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS62	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS63	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Company Name Site/Location Name								
Sample Date: 10/23/2024		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
CS64	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS65	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS66	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS67	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS68	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS69	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS70	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS71	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Company Name Site/Location Name								
Sample Date: 10/23/2024		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
CS72	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS73	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS74	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS75	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS76	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS77	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS78	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS79	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Company Name Site/Location Name								
Sample Date: 10/23/2024		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
CS80	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS81	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS82	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS83	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS84	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS85	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS86	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS87	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Company Name Site/Location Name								
Sample Date: 10/23/2024		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
CS88	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS89	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS90	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS91	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS92	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS93	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS94	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
CS95	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Company Name Site/Location Name								
Sample Date: 10/23/2024		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
CSW1	Comp	ND	ND	ND	ND	ND	ND	ND
CSW2	Comp	ND	ND	ND	ND	ND	ND	ND
CSW3	Comp	ND	ND	ND	ND	ND	ND	ND
CSW4	Comp	ND	ND	ND	ND	ND	ND	ND
CSW5	Comp	ND	ND	ND	ND	ND	ND	ND
CSW6	Comp	ND	ND	ND	ND	ND	ND	ND
CSW7	Comp	ND	ND	ND	ND	ND	ND	ND
CSW8	Comp	ND	ND	ND	ND	ND	ND	ND
CSW9	Comp	ND	ND	ND	ND	ND	ND	ND
CSW10	Comp	ND	ND	ND	ND	ND	ND	ND
CSW11	Comp	ND	ND	ND	ND	ND	ND	ND
CSW12	Comp	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	313			
C 02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	1780	220	160	60
C 03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	1915	250		
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	1933	200	140	60
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	2000	251		
C 02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	2425	250	200	50
C 02285 POD1		CUB	LE	1	4	4	03	26S	33E	636613	3548855	2664	220	220	0
C 02288		CUB	LE	4	4	4	03	26S	33E	636646	3548758	2674	220	180	40
C 02289		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	2742	200	160	40
C 02290		CUB	LE	4	4	4	03	26S	33E	636538	3548770	2767	200	160	40
C 02286		CUB	LE	3	4	4	03	26S	33E	636470	3548714	2853	220	175	45
C 02287		C	LE	3	4	4	03	26S	33E	636427	3548708	2894	220		
C 02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	3022	150	110	40
C 02294		CUB	LE	4	4	3	11	26S	33E	637465	3547003	3317	200	145	55
C 02293		CUB	LE	2	2	1	14	26S	33E	637501	3546975	3325	200	135	65
C 02316		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	3590	100	50	50
C 02317		CUB	LE	3	4	3	29	25S	34E	642003	3551967*	3590	100	50	50
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	3606			

Average Depth to Water: **145 feet**
Minimum Depth: **50 feet**
Maximum Depth: **220 feet**

Record Count: 18

UTMNAD83 Radius Search (in meters):

Easting (X): 639059.12 **Northing (Y):** 3549912.32 **Radius:** 5000

***UTM location was derived from PLSS - see Help**

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

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04628 POD1	1	1	2	01	26S	33E	639121	3550219

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

Driller Name: JACKIE ATKINS

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

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

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

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

Casing Perforations:	Top	Bottom
	0	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.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)	N/A	C-4628

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy	575-748-1838

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6488 7 Rivers Hwy	Artesia	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	4	46.64	N
	LONGITUDE	103	31	34.28	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NW NW NE Sec.1 T26S R33S NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
6/9/2022	6/9/2022	Temporary Well	±55	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 6/13/2022

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	55	±6.5	Boring-HSA	--	--	--	--

OSE DII JUN 16 2022 PM3:11

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	4	4	Sand, Fine-grained, poorly graded, unconsolidated 7.5 YR 5/4, Brown	Y ✓ N	
4	14	10	Sand, Fine-grained, poorly graded, semi-consolidated 7.5 YR 5/4, Brown	Y ✓ N	
14	19	5	Limestone, consolidated 10 YR 7/4. Pale Brown	Y ✓ N	
19	55	36	Sand, Fine-grained, poorly graded, 7.5 YR 6/8, Reddish Yellow	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.
27
Seawolf 1-12 CTB 1

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

OSE DII JUN 16 2022 PM3:11

Jack Atkins — Jackie D. Atkins — 6/16/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

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

Seawolf 1-12 CTB 1

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

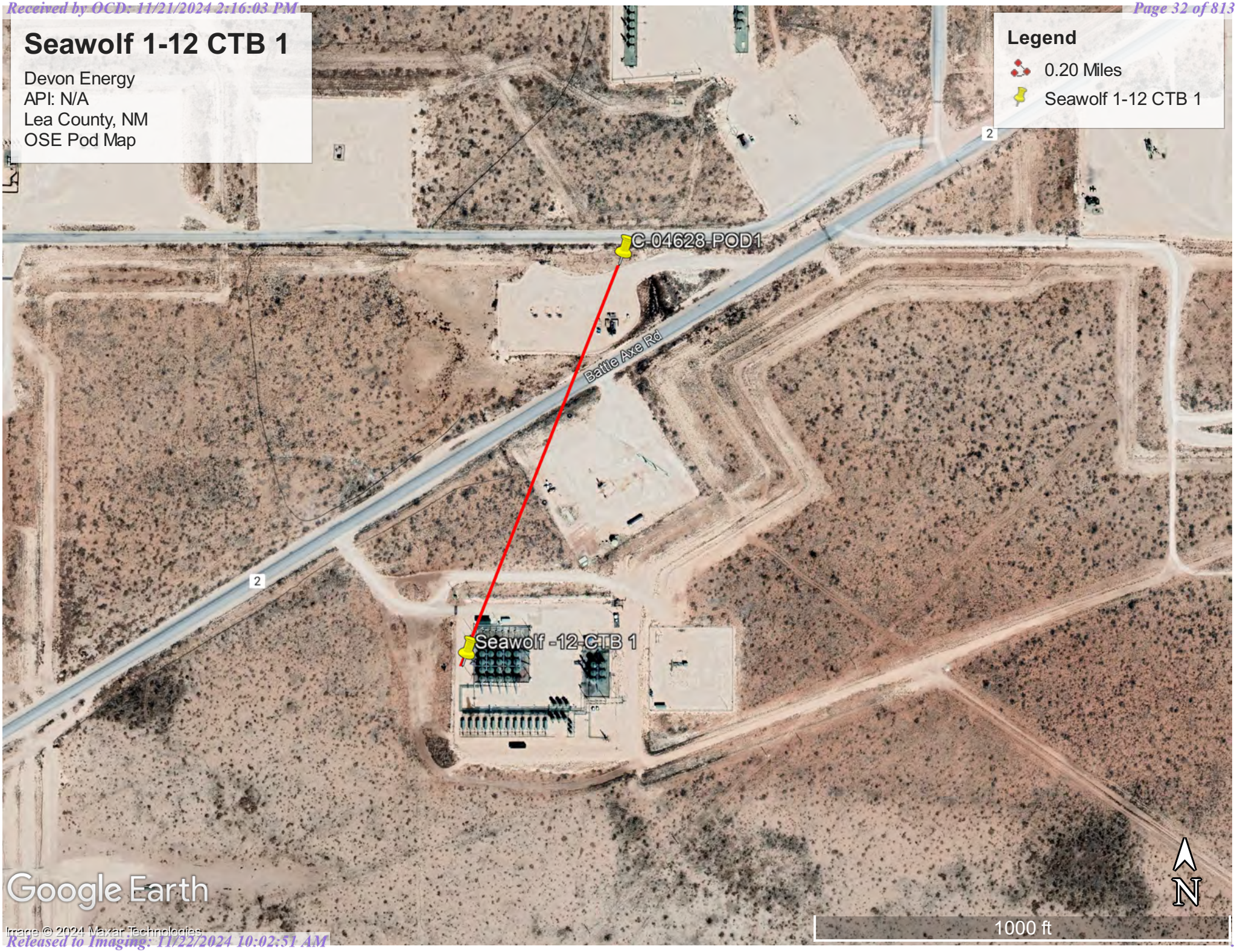


Image © 2024 Maxar Technologies

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 320419103302201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

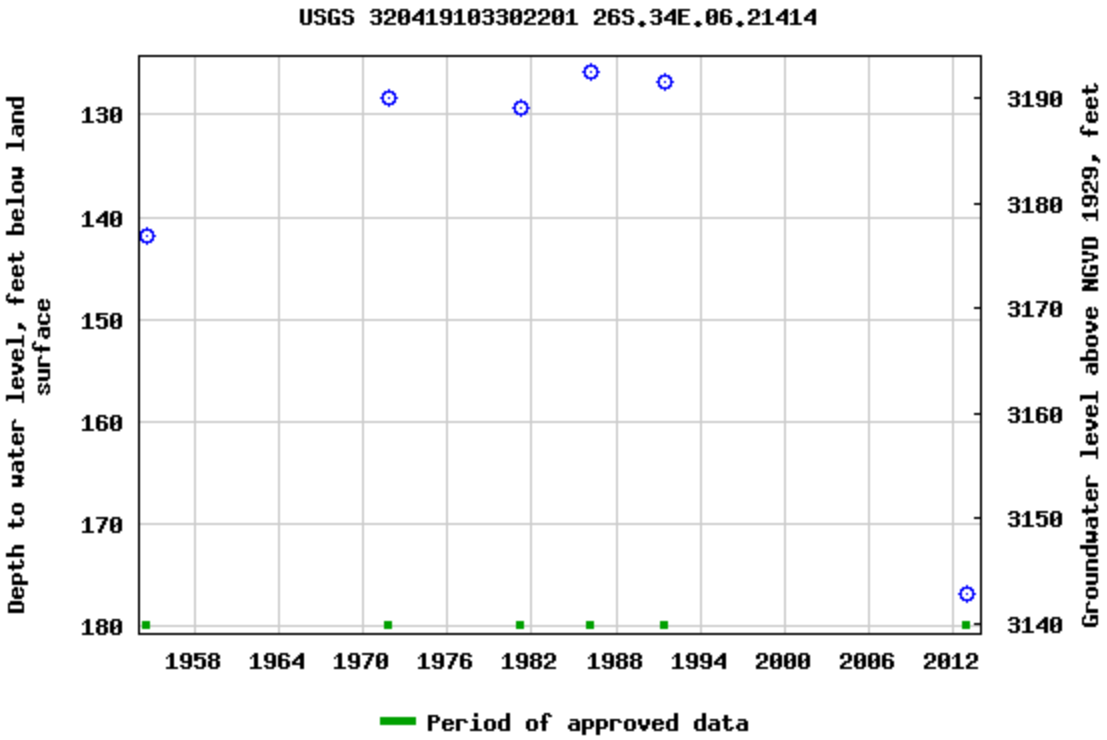
USGS 320419103302201 26S.34E.06.21414

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83
Land-surface elevation 3,319.00 feet above NGVD29
The depth of the well is 360 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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



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

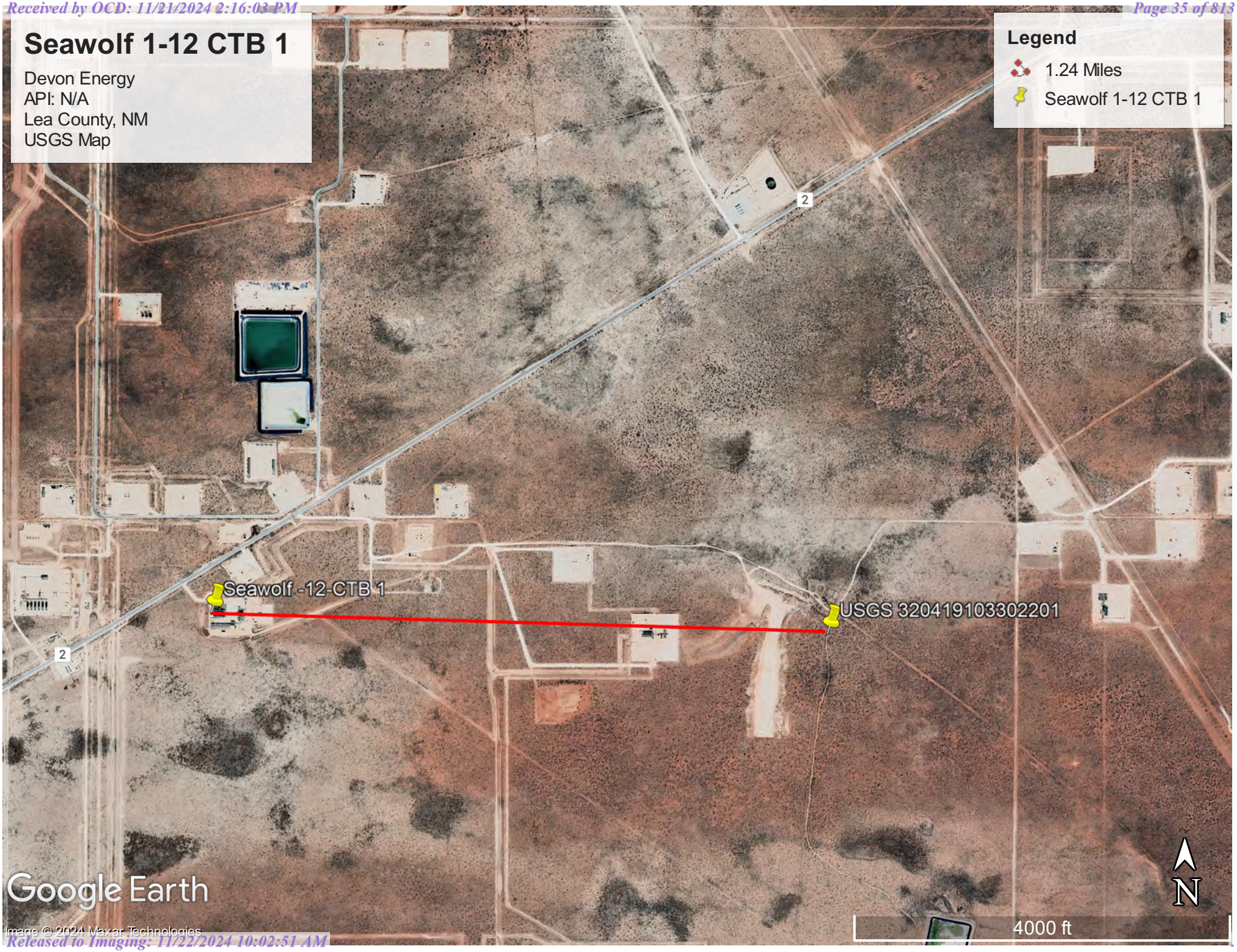
Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices

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

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-07-22 16:56:11 EDT
0.56 0.49 nadww01

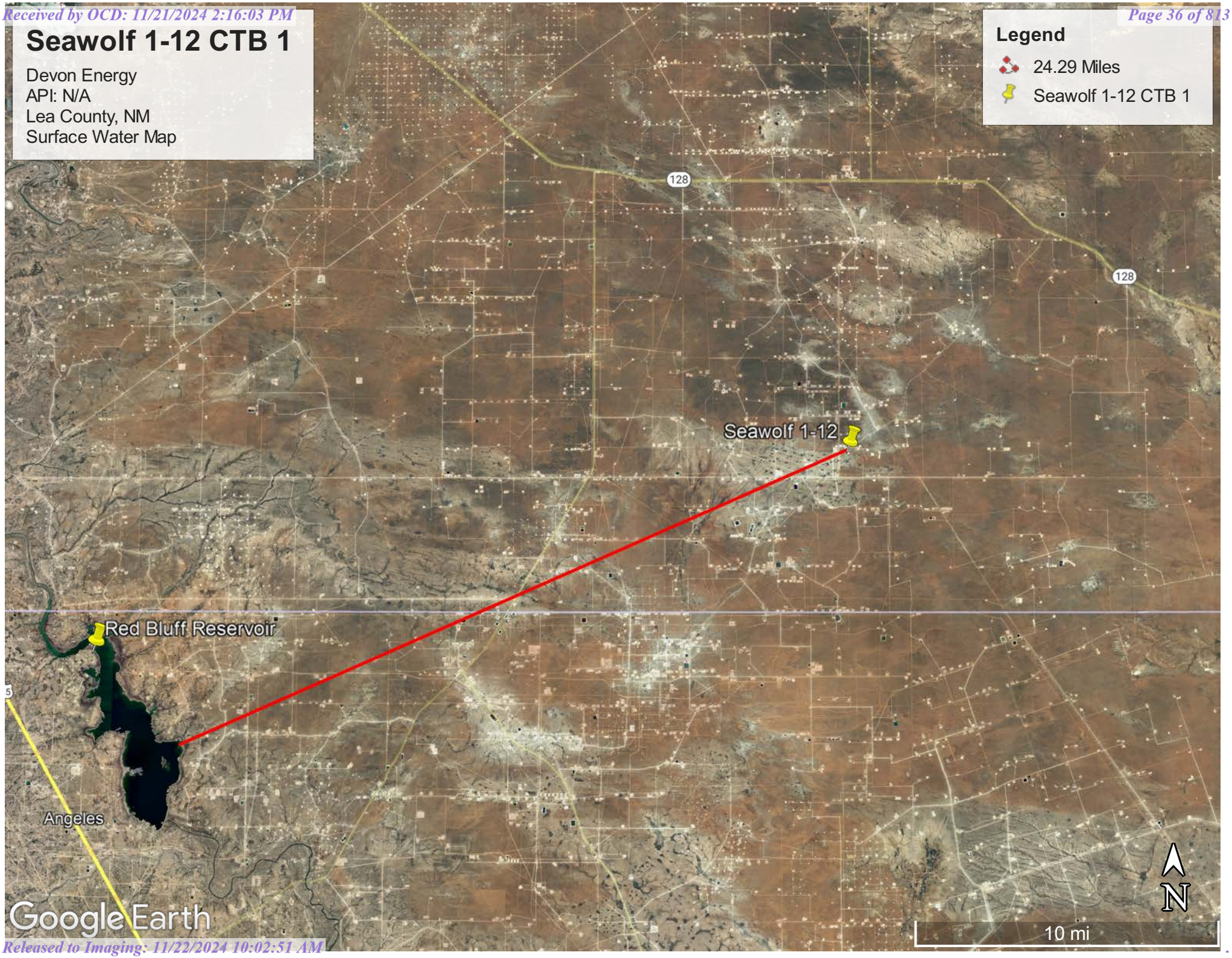

Seawolf 1-12 CTB 1
Devon Energy
API: N/A
Lea County, NM
USGS Map
Legend
1.24 Miles
Seawolf 1-12 CTB 1
Seawolf -12-CTB 1
USGS 320419103302201
2
2
Google Earth
Image © 2024 Maxar Technologies
N
4000 ft

Seawolf 1-12 CTB 1

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

Legend

24.29 Miles
Seawolf 1-12 CTB 1



Pima Environmental Services

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

Received by OCD: 11/21/2024 2:16:03 PM

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

Released to Imaging: 11/22/2024 10:02:51 AM

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

Received by OCD: 11/21/2024 2:16:03 PM

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

Released to Imaging: 11/22/2024 10:02:51 AM

Hydric soil rating: No

Data Source Information

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

Received by OCD: 11/21/2024 2:16:03 PM

National Flood Hazard Layer FIRMette

FEMA

103°31'55"W 32°4'52"N

103°31'17"W 32°4'22"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/1/2022 at 12:39 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

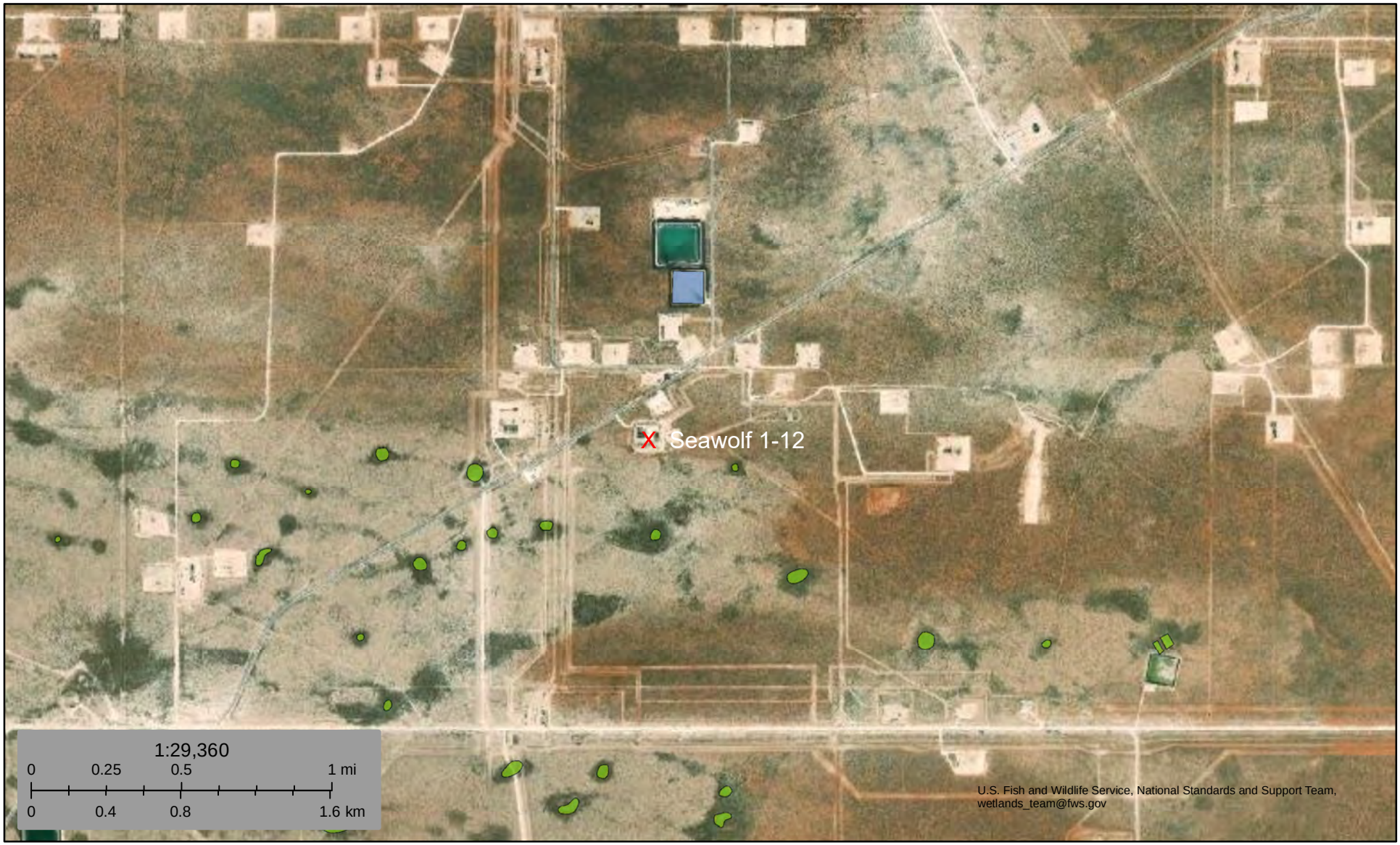
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

Released to Imaging: 11/22/2024 10:02:51 AM

Received by OCD: 11/21/2024 2:16:03 PM

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



December 1, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

Released to Imaging: 11/22/2024 10:02:51 AM

Pima Environmental Services

Appendix C

48-Hour Sampling Notification

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

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

QUESTIONS

Action 373009

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373009
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2233245515**
Incident Name	**NAPP2233245515 SEAWOLF 1-12 CTB 1 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2130627287] SEAWOLF 1-12 CTB 1**

Location of Release Source	
Site Name	**SEAWOLF 1-12 CTB 1**
Date Release Discovered	**11/28/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	7,350
What is the estimated number of samples that will be gathered	36
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/20/2023
Time sampling will commence	10:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	initial sampling event, not a final closure sampling event (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.077011, -103.526712

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

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

CONDITIONS

Action 373009

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373009
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	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.	8/12/2024

OCD Permitting

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	393863	**Districts:**	Hobbs
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	**Counties:**	Lea
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , SEAWOLF 1-12 CTB 1 , nAPP2233245515		
Status:	APPROVED		
Status Date:	10/18/2024		
References (2):	fAPP2130627287, nAPP2233245515		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	**nAPP2233245515**
Incident Name	**NAPP2233245515 SEAWOLF 1-12 CTB 1 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2130627287] SEAWOLF 1-12 CTB 1**

Location of Release Source

Site Name	**SEAWOLF 1-12 CTB 1**
Date Release Discovered	**11/28/2022**
Surface Owner	**Federal**

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	18,848
What is the estimated number of samples that will be gathered	392
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/22/2024
Time sampling will commence	02:00 PM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.07693371, -103.5266281

Comments

No comments found for this submission.

Conditions

Summary: *wdale (10/18/2024),* 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.

Reasons

No reasons found for this submission.

Go Back

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Pima Environmental Services

Appendix D

Photographic Documentation

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Wolf 1-12 CTB 1

Initial Site Assessment:

Photo of site assessment, taken prior to pad scraping

Photo of site assessment, taken prior to pad scraping.

Photo of site assessment, taken prior to pad scraping

Photo of site assessment, taken prior to pad scraping

Photo of site assessment, taken prior to pad scraping

Photo of site assessment, taken prior to pad scraping

Photo of site assessment, taken prior to pad scraping

Photo of site assessment, taken prior to pad scraping

Photo of site assessment, taken prior to pad scraping

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

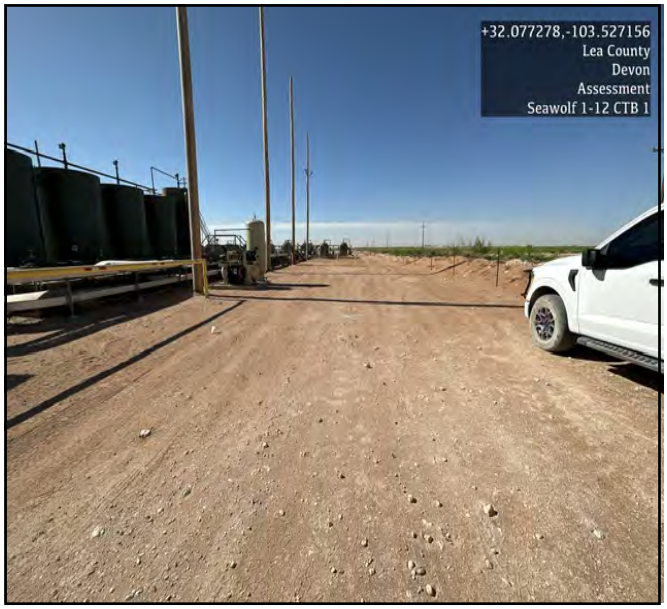

Photo of site assessment, taken post scraping

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Wolf 1-12 CTB 1

Site Assessment:

Photo of site assessment, gathering samples with a hand auger.

Photo of site assessment, gathering samples with a hand auger.

Photo of site assessment, gathering samples with a hand auger.

Photo of site assessment, gathering samples with a hand auger.

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

Pima Environmental Services

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
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	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.

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 4:00:52PM

S1 - 1'

E304121-01

Analyte	Result	Reporting Limit	Dilution	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: 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		*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	

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 4:00:52PM

S2 - 1'

E304121-02

Analyte	Result	Reporting Limit	Dilution	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
Chloride	**1400**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S3 - 1'

E304121-03

Analyte	Result	Reporting Limit	Dilution	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		*110 %*	*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		*108 %*	*70-130*	*04/22/23*	*04/24/23*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*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		*76.7 %*	*50-200*	*04/26/23*	*04/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317030
Chloride	**93.4**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S4 - 1'

E304121-04

Analyte	Result	Reporting Limit	Dilution	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: 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		*76.4 %*	*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	

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 4:00:52PM

S5 - 1'

E304121-05

Analyte	Result	Reporting Limit	Dilution	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: 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		*77.4 %*	*50-200*	*04/26/23*	*04/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317030
Chloride	**168**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S6 - 1'

E304121-06

Analyte	Result	Reporting Limit	Dilution	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
Chloride	**298**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S7 - 1'

E304121-07

Analyte	Result	Reporting Limit	Dilution	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: 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		*75.5 %*	*50-200*	*04/26/23*	*04/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317030
Chloride	**84.4**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S8 - 1'

E304121-08

Analyte	Result	Reporting Limit	Dilution	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: 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		*76.8 %*	*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	

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 4:00:52PM

S9 - 1'

E304121-09

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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			Batch: 2317030
Chloride	**95.1**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S10 - 1'

E304121-10

Analyte	Result	Reporting Limit	Dilution	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		*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	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		*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	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		*74.6 %*	*50-200*	*04/26/23*	*04/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317030
Chloride	**66.8**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S1 - 2'

E304121-11

Analyte	Result	Reporting Limit	Dilution	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		*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	

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 4:00:52PM

S2 - 2'

E304121-12

Analyte	Result	Reporting Limit	Dilution	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*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317030
Chloride	**618**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S3 - 2'

E304121-13

Analyte	Result	Reporting Limit	Dilution	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		*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	

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 4:00:52PM

S4 -2'

E304121-14

Analyte	Result	Reporting Limit	Dilution	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	

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 4:00:52PM

S5 - 2'

E304121-15

Analyte	Result	Reporting Limit	Dilution	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		*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	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	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/27/23	
Surrogate: n-Nonane		*75.4 %*	*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	04/25/23	04/26/23	

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 4:00:52PM

S6 - 2'

E304121-16

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: 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	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		*75.5 %*	*50-200*	*04/26/23*	*04/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317030
Chloride	**652**	20.0	1	04/25/23	04/26/23	

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 4:00:52PM

S7 - 2'

E304121-17

Analyte	Result	Reporting Limit	Dilution	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		*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	

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 4:00:52PM

S8 - 2'

E304121-18

Analyte	Result	Reporting Limit	Dilution	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	

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 4:00:52PM

S9 - 2'

E304121-19

Analyte	Result	Reporting Limit	Dilution	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		*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	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	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	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
Chloride	**619**	20.0	1	04/25/23	04/27/23	

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 4:00:52PM

S10 - 2'

E304121-20

Analyte	Result	Reporting Limit	Dilution	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		*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	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	Analyst: BA			Batch: 2317030
Chloride	**659**	20.0	1	04/25/23	04/27/23	

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 4:00:52PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2316078-BLK1)									Prepared: 04/22/23 Analyzed: 04/24/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.529*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS (2316078-BS1)									Prepared: 04/22/23 Analyzed: 04/24/23
Benzene	2.41	0.0250	2.50		96.2	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.4	70-130			
Toluene	2.36	0.0250	2.50		94.2	70-130			
o-Xylene	2.34	0.0250	2.50		93.6	70-130			
p,m-Xylene	4.63	0.0500	5.00		92.5	70-130			
Total Xylenes	6.97	0.0250	7.50		92.9	70-130			
Surrogate: Bromofluorobenzene	*0.536*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.554*		*0.500*		*111*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
Matrix Spike (2316078-MS1)				**Source: E304121-02**					Prepared: 04/22/23 Analyzed: 04/24/23
Benzene	2.54	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.49	0.0250	2.50	ND	99.8	45-135			
Toluene	2.49	0.0250	2.50	ND	99.4	48-130			
o-Xylene	2.48	0.0250	2.50	ND	99.1	43-135			
p,m-Xylene	4.94	0.0500	5.00	ND	98.8	43-135			
Total Xylenes	7.42	0.0250	7.50	ND	98.9	43-135			
Surrogate: Bromofluorobenzene	*0.544*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.557*		*0.500*		*111*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
Matrix Spike Dup (2316078-MSD1)				**Source: E304121-02**					Prepared: 04/22/23 Analyzed: 04/24/23
Benzene	2.45	0.0250	2.50	ND	97.9	48-131	3.53	23	
Ethylbenzene	2.36	0.0250	2.50	ND	94.4	45-135	5.54	27	
Toluene	2.36	0.0250	2.50	ND	94.3	48-130	5.24	24	
o-Xylene	2.38	0.0250	2.50	ND	95.1	43-135	4.08	27	
p,m-Xylene	4.68	0.0500	5.00	ND	93.6	43-135	5.37	27	
Total Xylenes	7.06	0.0250	7.50	ND	94.1	43-135	4.94	27	
Surrogate: Bromofluorobenzene	*0.547*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.552*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.8*	*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 4:00:52PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2316078-BLK1)									Prepared: 04/22/23 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: 04/22/23 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: 04/22/23 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: 04/22/23 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*			
Surrogate: 1,2-Dichloroethane-d4	*0.560*		*0.500*		*112*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*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 4:00:52PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2317024-BLK1)									Prepared: 04/26/23 Analyzed: 04/26/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.0*		*50.0*		*88.1*	*50-200*			
LCS (2317024-BS1)									Prepared: 04/26/23 Analyzed: 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: 04/26/23 Analyzed: 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: 04/26/23 Analyzed: 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*			

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 4:00:52PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2317030-BLK1)									Prepared: 04/25/23 Analyzed: 04/26/23
Chloride	ND	20.0							
LCS (2317030-BS1)									Prepared: 04/25/23 Analyzed: 04/26/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2317030-MS1)				**Source: E304121-03**					Prepared: 04/25/23 Analyzed: 04/26/23
Chloride	351	20.0	250	93.4	103	80-120			
Matrix Spike Dup (2317030-MSD1)				**Source: E304121-03**					Prepared: 04/25/23 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	
PO Box 247	Project Number:	01058-0007	**Reported:**
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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 1 of 10

01058-0007

Client: Pima Environmental Services	Bill To
Project: SeaWolf 1-12 CTB1	Attention: Pima
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 216
Report due by:	

Lab Use Only: Lab WO# E304121 | Job Number ~~21058-0007~~

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM / | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
8:00 am	4/20/23	Soil	1	S1-1'	1	
8:05 am				S2-1'	2	
8:10 am				S3-1'	3	
8:15 am				S4-1'	4	
8:20 am				S5-1'	5	
8:25 am				S6-1'	6	
8:30 am				S7-1'	7	
8:35 am				S8-1'	8	
8:40 am				S9-1'	9	
8:45 am				S10-1'	10	

Additional Instructions: Billing # 21125189

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	4/21/23		Michelle Gonzales	4-21-23	1600
Michelle Gonzales	4-21-23	1830	Andrew Russo	4/21/23	1830
Andrew Russo	4/21/23	0000		4-22-23	8:30

Lab Use Only: Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

envirotech

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 2 of 6

01058-0007

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT
Project: Sea Wolf 1-12 CTB 1	Attention: Pima	Lab WO# E304121	Job Number 216044-0001
Project Manager: Tom Bynum	Address:	1D:	2D: 3D: Standard: X
Address: 5614 N. Lovington Hwy.	City, State, Zip	EPA Program: CWA: SDWA: RCRA:	
City, State, Zip Hobbs, NM, 88240	Phone:	State: NM CO UT AZ TX	
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 216		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
8:50 am	4/20/23	Soil	1	S1-2'	11									X				
8:55 am				S2-2'	12													
9:00 am				S3-2'	13													
9:05 am				S4-2'	14													
9:10 am				S5-2'	15													
9:15 am				S6-2'	16													
9:20 am				S7-2'	17													
9:25 am				S8-2'	18													
9:30 am				S9-2'	19													
9:35 am				S10-2'	20													

Additional Instructions: Billing # 21125189

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Hanna	4/21/23		Michelle Gonzales	4-21-23	1600
Michelle Gonzales	4.21.23	1830	Andrew Musso	4/21/23	1830
Andrew Musso	4/21/23	0000		4.22.23	8:30

Lab Use Only: Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

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

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)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

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.

Client Instruction

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

Date

envirotech Inc.

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

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ljarboe@envirotech-inc.com

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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	
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.

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-1

E304123-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-2

E304123-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-3

E304123-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-4

E304123-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-5

E304123-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-6

E304123-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-7

E304123-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-8

E304123-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-9

E304123-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-10

E304123-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*88.7 %*	*70-130*	*04/22/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2316081
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/22/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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		*88.4 %*	*50-200*	*04/25/23*	*04/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-13

E304123-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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-14

E304123-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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

BG-1

E304123-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: BA			Batch: 2317029
Chloride	ND	20.0	1	04/25/23	04/27/23	

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 3:34:50PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2316081-BLK1)									Prepared: 04/22/23 Analyzed: 04/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.23*		*8.00*		*90.4*	*70-130*			
LCS (2316081-BS1)									Prepared: 04/22/23 Analyzed: 04/27/23
Benzene	4.31	0.0250	5.00		86.2	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130			
Toluene	4.56	0.0250	5.00		91.2	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.16	0.0500	10.0		91.6	70-130			
Total Xylenes	13.8	0.0250	15.0		91.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.26*		*8.00*		*90.7*	*70-130*			
Matrix Spike (2316081-MS1)				**Source: E304123-02**					Prepared: 04/22/23 Analyzed: 04/27/23
Benzene	4.22	0.0250	5.00	ND	84.4	54-133			
Ethylbenzene	4.42	0.0250	5.00	ND	88.5	61-133			
Toluene	4.48	0.0250	5.00	ND	89.6	61-130			
o-Xylene	4.55	0.0250	5.00	ND	91.0	63-131			
p,m-Xylene	9.02	0.0500	10.0	ND	90.2	63-131			
Total Xylenes	13.6	0.0250	15.0	ND	90.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.27*		*8.00*		*90.8*	*70-130*			
Matrix Spike Dup (2316081-MSD1)				**Source: E304123-02**					Prepared: 04/22/23 Analyzed: 04/27/23
Benzene	4.35	0.0250	5.00	ND	87.1	54-133	3.04	20	
Ethylbenzene	4.55	0.0250	5.00	ND	90.9	61-133	2.75	20	
Toluene	4.62	0.0250	5.00	ND	92.4	61-130	3.05	20	
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131	2.43	20	
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	63-131	2.63	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.8	63-131	2.56	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.23*		*8.00*		*90.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/28/2023 3:34:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2316081-BLK1)									Prepared: 04/22/23 Analyzed: 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: 04/22/23 Analyzed: 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: 04/22/23 Analyzed: 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: E304123-02**					Prepared: 04/22/23 Analyzed: 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*			

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 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	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2317025-BLK1)									Prepared: 04/25/23 Analyzed: 04/27/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.3*		*50.0*		*92.5*	*50-200*			
LCS (2317025-BS1)									Prepared: 04/25/23 Analyzed: 04/27/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.7	38-132			
Surrogate: n-Nonane	*44.4*		*50.0*		*88.9*	*50-200*			
Matrix Spike (2317025-MS1)				**Source: E304123-10**					Prepared: 04/25/23 Analyzed: 04/27/23
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132			
Surrogate: n-Nonane	*44.5*		*50.0*		*88.9*	*50-200*			
Matrix Spike Dup (2317025-MSD1)				**Source: E304123-10**					Prepared: 04/25/23 Analyzed: 04/27/23
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.4	38-132	0.187	20	
Surrogate: n-Nonane	*45.0*		*50.0*		*90.0*	*50-200*			

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 3:34:50PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2317029-BLK1)									Prepared: 04/25/23 Analyzed: 04/26/23
Chloride	ND	20.0							
LCS (2317029-BS1)									Prepared: 04/25/23 Analyzed: 04/26/23
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2317029-MS1)				**Source: E304123-01**					Prepared: 04/25/23 Analyzed: 04/27/23
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2317029-MSD1)				**Source: E304123-01**					Prepared: 04/25/23 Analyzed: 04/27/23
Chloride	256	20.0	250	ND	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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 5 of 6

01058-0007

Client: Pima Environmental Services	Bill To
Project: SeaWolf 7-12 CTB1	Attention: Pima
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 216
Report due by:	

Lab Use Only: Lab WO# E304123 | Job Number 21004-0001

TAT: 1D | 2D | 3D | Standard: Y

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:25 am	4/20/23	Soil	1	SW-1	1	X	
11:30 am				SW-2	2		
11:35 am				SW-3	3		
11:40 am				SW-4	4		
11:45 am				SW-5	5		
11:50 am				SW-6	6		
11:55 am				SW-7	7		
12:00 Pm				SW-8	8		
12:05 Pm				SW-9	9		
12:10 PM				SW-10	10		

Additional Instructions: Billing # 2112578 9

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	4/21/23		Michelle Gonzales	4.21.23	1600
Michelle Gonzales	4.21.23	1830	Andrew Musso	4/21/23	1830
Andrew Musso	4/21/23	0000		4.22.23	8:30

Lab Use Only — Received on ice: Y / N; T1; T2; T3; AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 6 of 6

01058-0007

Client: Pima Environmental Services	Bill To
Project: Sea Wolf 1-12 CTB1	Attention: Pima
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 216
Report due by:	

Lab Use Only: Lab WO# E304123 | Job Number 21058-0007

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM ✓ | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
12:15 PM	4/20/23	Soil	1	SW-11	11	X	
12:20 PM				SW-12	12		
12:25 PM				SW-13	13		
12:30 PM				SW-14	14		
12:35 PM				~~SW~~ K.A BG-1	15		

Additional Instructions: Billing # 2112589

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	4/21/23		Michelle Campos	4.21.23	1600
Michelle Campos	4.21.23	1830	Andrew Musso	4/21/23	1830
Andrew Musso	4/21/23	0000		4.22.23	8:30

Lab Use Only: Received on ice: (Y) N | T1 | T2 | T3 | AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

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

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 Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	No	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

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.

Client Instruction

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

Date

envirotech Inc.

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.
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: 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
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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ljarboe@envirotech-inc.com

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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	
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.

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

S1 - 3'

E304122-01

Analyte	Result	Reporting Limit	Dilution	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		*99.4 %*	*70-130*	*04/22/23*	*04/24/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*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		*99.4 %*	*70-130*	*04/22/23*	*04/24/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*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	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*04/26/23*	*04/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317031
Chloride	**3130**	40.0	2	04/25/23	04/27/23	

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

S2 - 3'

E304122-02

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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
Chloride	**522**	20.0	1	04/25/23	04/27/23	

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 - 3'

E304122-03

Analyte	Result	Reporting Limit	Dilution	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	*98.1 %*	*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	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	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	**643**	20.0	1	04/25/23	04/27/23	

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

S4 - 3'

E304122-04

Analyte	Result	Reporting Limit	Dilution	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		*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	Analyst: 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	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		*106 %*	*50-200*	*04/26/23*	*04/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317031
Chloride	**404**	20.0	1	04/25/23	04/27/23	

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

S5 - 3'

E304122-05

Analyte	Result	Reporting Limit	Dilution	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	

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

S6 - 3'

E304122-06

Analyte	Result	Reporting Limit	Dilution	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		*98.1 %*	*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	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	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	Analyst: BA			Batch: 2317031
Chloride	**283**	20.0	1	04/25/23	04/27/23	

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

S7 - 3'

E304122-07

Analyte	Result	Reporting Limit	Dilution	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		*98.7 %*	*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	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	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	Analyst: BA			Batch: 2317031
Chloride	**347**	20.0	1	04/25/23	04/27/23	

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

S8 - 3'

E304122-08

Analyte	Result	Reporting Limit	Dilution	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		*98.6 %*	*70-130*	*04/22/23*	*04/24/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*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: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/23	04/24/23	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*04/22/23*	*04/24/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*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: 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*	*04/26/23*	*04/26/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317031
Chloride	**376**	20.0	1	04/25/23	04/27/23	

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

S9 - 3'

E304122-09

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: BA			Batch: 2317031
Chloride	**297**	20.0	1	04/25/23	04/27/23	

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

S10 - 3'

E304122-10

Analyte	Result	Reporting Limit	Dilution	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	

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

S1 - 4'

E304122-11

Analyte	Result	Reporting Limit	Dilution	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		*98.8 %*	*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		*98.5 %*	*70-130*	*04/22/23*	*04/24/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*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		*99.6 %*	*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	

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

S2 - 4'

E304122-12

Analyte	Result	Reporting Limit	Dilution	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		*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: 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		*97.8 %*	*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	

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

Analyte	Result	Reporting Limit	Dilution	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		*100 %*	*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		*100 %*	*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: 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		*96.3 %*	*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	

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

S4 - 4'

E304122-14

Analyte	Result	Reporting Limit	Dilution	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: 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		*97.7 %*	*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	

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

S5 - 4'

E304122-15

Analyte	Result	Reporting Limit	Dilution	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	

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

S6 - 4'

E304122-16

Analyte	Result	Reporting Limit	Dilution	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		*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	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	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	Analyst: BA			Batch: 2317031
Chloride	ND	20.0	1	04/25/23	04/27/23	

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

S7 - 4'

E304122-17

Analyte	Result	Reporting Limit	Dilution	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: 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		*98.9 %*	*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	

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

S8 - 4'

E304122-18

Analyte	Result	Reporting Limit	Dilution	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		*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
Chloride	ND	20.0	1	04/25/23	04/27/23	

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

S9 - 4'

E304122-19

Analyte	Result	Reporting Limit	Dilution	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		*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: SL			Batch: 2316079
Gasoline Range Organics (C6-C10)	ND	20.0	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 - 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	

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

S10 - 4'

E304122-20

Analyte	Result	Reporting Limit	Dilution	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		*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

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

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2316079-BLK1)									Prepared: 04/22/23 Analyzed: 04/24/23
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	*0.492*		*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-BS1)									Prepared: 04/22/23 Analyzed: 04/24/23
Benzene	2.40	0.0250	2.50		96.2	70-130			
Ethylbenzene	2.30	0.0250	2.50		92.1	70-130			
Toluene	2.31	0.0250	2.50		92.3	70-130			
o-Xylene	2.29	0.0250	2.50		91.5	70-130			
p,m-Xylene	4.51	0.0500	5.00		90.2	70-130			
Total Xylenes	6.80	0.0250	7.50		90.6	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			
Matrix Spike (2316079-MS1)				**Source: E304122-04**					Prepared: 04/22/23 Analyzed: 04/24/23
Benzene	2.55	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.45	0.0250	2.50	ND	98.0	45-135			
Toluene	2.46	0.0250	2.50	ND	98.3	48-130			
o-Xylene	2.49	0.0250	2.50	ND	99.7	43-135			
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135			
Total Xylenes	7.39	0.0250	7.50	ND	98.6	43-135			
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.499*		*0.500*		*99.7*	*70-130*			
Matrix Spike Dup (2316079-MSD1)				**Source: E304122-04**					Prepared: 04/22/23 Analyzed: 04/24/23
Benzene	2.48	0.0250	2.50	ND	99.0	48-131	3.00	23	
Ethylbenzene	2.36	0.0250	2.50	ND	94.4	45-135	3.74	27	
Toluene	2.36	0.0250	2.50	ND	94.5	48-130	3.94	24	
o-Xylene	2.39	0.0250	2.50	ND	95.7	43-135	4.01	27	
p,m-Xylene	4.69	0.0500	5.00	ND	93.7	43-135	4.45	27	
Total Xylenes	7.08	0.0250	7.50	ND	94.4	43-135	4.30	27	
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2316079-BLK1)									Prepared: 04/22/23 Analyzed: 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: 04/22/23 Analyzed: 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: 04/22/23 Analyzed: 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: E304122-04**					Prepared: 04/22/23 Analyzed: 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*			
Surrogate: 1,2-Dichloroethane-d4	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2317023-BLK1)									Prepared: 04/26/23 Analyzed: 04/26/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
LCS (2317023-BS1)									Prepared: 04/26/23 Analyzed: 04/26/23
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			
Matrix Spike (2317023-MS1)				**Source: E304122-20**					Prepared: 04/26/23 Analyzed: 04/26/23
Diesel Range Organics (C10-C28)	264	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*49.7*		*50.0*		*99.5*	*50-200*			
Matrix Spike Dup (2317023-MSD1)				**Source: E304122-20**					Prepared: 04/26/23 Analyzed: 04/26/23
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	3.53	20	
Surrogate: n-Nonane	*45.5*		*50.0*		*91.0*	*50-200*			

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

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2317031-BLK1)									Prepared: 04/25/23 Analyzed: 04/27/23
Chloride	ND	20.0							
LCS (2317031-BS1)									Prepared: 04/25/23 Analyzed: 04/27/23
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2317031-MS1)				**Source: E304122-01**					Prepared: 04/25/23 Analyzed: 04/27/23
Chloride	2170	40.0	250	3130	NR	80-120			M5
Matrix Spike Dup (2317031-MSD1)				**Source: E304122-01**					Prepared: 04/25/23 Analyzed: 04/27/23
Chloride	3650	40.0	250	3130	209	80-120	50.9	20	M5, R3

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 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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information

Chain of Custody

01058-0007

Client: Pima Environmental Services
Project: SeaWolf 1-12 CTB1
Project Manager: Tom Bynum
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 580-748-1613
Email: tom@pimaoil.com
Report due by:

Bill To
Attention: Pima
Address:
City, State, Zip
Phone:
Email:
Pima Project # 216

Lab Use Only
Lab WO# E304122
Job Number 21014-0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
9:40 AM	4/20/23	Soil	1	S1 -3'	1	
9:45 AM				S2-3'	2	
9:50 AM				S3-3'	3	
9:55 AM				S4-3'	4	
10:00 AM				S5-3'	5	
10:05 AM				S6-3'	6	
10:10 AM				S7-3'	7	
10:15 AM				S8-3'	8	
10:20 AM				S9-3'	9	
10:25 AM				S10-3'	10	

Additional Instructions: Billing # 21125189

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	4/21/23		Michelle Campos	4-21-23	1600
Michelle Campos	4-21-23	1830	Andrew Musso	4/21/23	1830
Andrew Musso	4/21/23	6000		4.22.23	8:30

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 4 of 6

01058-0007

Client: Pima Environmental Services	Bill To
Project: Sea Wolf 1-12 CTB1	Attention: Pima
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 216
Report due by:	

Lab Use Only: Lab WO# E304122 | Job Number 21004-0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM ✓ | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
10:30 AM	4/20/23	Soil	1	S1 - 4'	11	X	
10:35 AM				S2 - 4'	12		
10:40 AM				S3 - 4'	13		
10:45 AM				S4 - 4'	14		
10:50 AM				S5 - 4'	15		
11:00 AM				S6 - 4'	16		
11:05 AM				S7 - 4'	17		
11:10 AM				S8 - 4'	18		
11:15 AM				S9 - 4'	19		
11:20 AM				S10 - 4'	20		

Additional Instructions: Billing # 21125189

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	4/21/23		Michelle Gonzales	4-21-23	1600
Michelle Gonzales	4-21-23	1830	Andrew Morales	4/21/23	1830
Andrew Morales	4/21/23	0000		4.22.23	8:30

Lab Use Only: Received on ice: Y (N) | T1 | T2 | T3 | AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

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

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:	E304122
Phone:	(575) 631-6977	Date Logged In:	04/22/23 08:51	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	04/28/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

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.

Client Instruction

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

Date

envirotech Inc.

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:	E410298
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410298
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 15:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1'	E410298-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS1-2'	E410298-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS1-3'	E410298-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS1-4'	E410298-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS2-1'	E410298-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS2-2'	E410298-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS2-3'	E410298-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS2-4'	E410298-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS3-1'	E410298-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS3-2'	E410298-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS3-3'	E410298-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS3-4'	E410298-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS4-1'	E410298-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS4-2'	E410298-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS4-3'	E410298-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS4-4'	E410298-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS5-1'	E410298-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS5-2'	E410298-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS5-3'	E410298-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS5-4'	E410298-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 3:15:34PM

CS1-1'

E410298-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**254**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS1-2'

E410298-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**388**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS1-3'

E410298-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**162**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS1-4'

E410298-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**259**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS2-1'

E410298-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**299**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS2-2'

E410298-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**138**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS2-3'

E410298-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**271**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS2-4'

E410298-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**251**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS3-1'

E410298-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**182**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS3-2'

E410298-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**269**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS3-3'

E410298-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**284**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS3-4'

E410298-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**278**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS4-1'

E410298-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**121**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS4-2'

E410298-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**259**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS4-3'

E410298-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**48.9**	20.0	1	10/25/24	10/27/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS4-4'

E410298-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**205**	20.0	1	10/25/24	10/27/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS5-1'

E410298-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**235**	20.0	1	10/25/24	10/27/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS5-2'

E410298-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**347**	20.0	1	10/25/24	10/27/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS5-3'

E410298-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**236**	20.0	1	10/25/24	10/27/24	

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:	Gio Gomez	10/28/2024 3:15:34PM

CS5-4'

E410298-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443166
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443156
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443196
Chloride	**63.6**	20.0	1	10/25/24	10/27/24	

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	10/28/2024 3:15:34PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443166-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.35*		*8.00*		*91.8*	*70-130*			
LCS (2443166-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	4.99	0.0250	5.00		99.8	70-130			
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.22*		*8.00*		*90.3*	*70-130*			
LCS Dup (2443166-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	4.67	0.0250	5.00		93.3	70-130	6.68	20	
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130	6.17	20	
Toluene	4.72	0.0250	5.00		94.4	70-130	6.46	20	
o-Xylene	4.70	0.0250	5.00		94.0	70-130	6.22	20	
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130	6.02	20	
Total Xylenes	14.2	0.0250	15.0		94.7	70-130	6.09	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.28*		*8.00*		*91.0*	*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:	Gio Gomez	10/28/2024 3:15:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443166-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.7*	*70-130*			
LCS (2443166-BS2)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	38.8	20.0	50.0		77.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.1*	*70-130*			
LCS Dup (2443166-BSD2)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.3	70-130	5.92	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/2024 3:15:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443156-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			
LCS (2443156-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	*55.5*		*50.0*		*111*	*50-200*			
LCS Dup (2443156-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	289	25.0	250		115	38-132	1.07	20	
Surrogate: n-Nonane	*54.9*		*50.0*		*110*	*50-200*			

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	10/28/2024 3:15:34PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443196-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443196-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2443196-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	255	20.0	250		102	90-110	1.18	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	10/28/24 15:15

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 1 of 22 (36)

Client: Pima Environmental Services	Bill To
Project: Seawolf 1-12 CTB 1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410298 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:00	10/22	S		CS1-1'	1	X	
8:06				CS1-2'	2		
8:11				CS1-3'	3		
8:18				CS1-4'	4		
8:26				CS2-1'	5		
8:29				CS2-2'	6		
8:36				CS2-3'	7		
8:41				CS2-4'	8		
8:56				CS3-1'	9		
9:11				CS3-2'	10		

Additional Instructions: Billing# 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10/24/24	4:00	Michelle Gonzales	10-24-24	1600
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530

Lab Use Only — Received on ice: (Y)/ N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 2 of 22 (3te)

Client: Pima Environmental Services	Bill To
Project: Sea-Wolf 1-12 CTB 1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410298 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:23	10/22	S		CS3-3'	11	X	
9:36				CS3-4'	12		
9:41				CS4-1'	13		
9:56				CS4-2'	14		
10:11				CS4-3'	15		
10:17				CS4-4'	16		
10:23				CS5-1'	17		
10:30				CS5-2'	18		
10:36				CS5-3'	19		
10:42				CS5-4'	20		

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	10/24/24	4:00	Michelle Gonzales	10.24.24	1600
Michelle Gonzales	10.25.24	0116	Noe Soto	10-25-24	0530

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/25/2024 10:45:23AM

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:	10/25/24 05:30	Work Order ID:	E410298
Phone:	(575) 631-6977	Date Logged In:	10/24/24 16:49	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez

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envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Sea Wolf 1-12 CTB 1
Work Order:	E410299
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410299
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 14:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS6-1'	E410299-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS6-2'	E410299-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS6-3'	E410299-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS6-4'	E410299-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS7-1'	E410299-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS7-2'	E410299-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS7-3'	E410299-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS7-4'	E410299-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS8-1'	E410299-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS8-2'	E410299-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS8-3'	E410299-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS8-4'	E410299-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS9-1'	E410299-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS9-2'	E410299-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS9-3'	E410299-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS9-4'	E410299-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS10-1'	E410299-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS10-2'	E410299-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS10-3'	E410299-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS10-4'	E410299-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 2:00:57PM

CS6-1'

E410299-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**176**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS6-2'

E410299-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**190**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS6-3'

E410299-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**223**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS6-4'

E410299-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**301**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS7-1'

E410299-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**498**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS7-2'

E410299-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**160**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS7-3'

E410299-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**132**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS7-4'

E410299-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**76.7**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS8-1'

E410299-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**136**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS8-2'

E410299-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**139**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS8-3'

E410299-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**48.7**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS8-4'

E410299-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**22.0**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS9-1'

E410299-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**342**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS9-2'

E410299-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**67.3**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS9-3'

E410299-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**203**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS9-4'

E410299-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**33.2**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS10-1'

E410299-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**139**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS10-2'

E410299-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**206**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS10-3'

E410299-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**59.5**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:00:57PM

CS10-4'

E410299-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443167
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443177
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443158
Chloride	**32.4**	20.0	1	10/25/24	10/25/24	

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	10/28/2024 2:00:57PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443167-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
LCS (2443167-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	4.91	0.0250	5.00		98.1	70-130			
Ethylbenzene	4.92	0.0250	5.00		98.3	70-130			
Toluene	4.97	0.0250	5.00		99.5	70-130			
o-Xylene	4.96	0.0250	5.00		99.2	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
LCS Dup (2443167-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	5.19	0.0250	5.00		104	70-130	5.63	20	
Ethylbenzene	5.22	0.0250	5.00		104	70-130	5.89	20	
Toluene	5.27	0.0250	5.00		105	70-130	5.86	20	
o-Xylene	5.27	0.0250	5.00		105	70-130	6.13	20	
p,m-Xylene	10.6	0.0500	10.0		106	70-130	5.87	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	5.95	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.2*	*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:	Gio Gomez	10/28/2024 2:00:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443167-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.04*		*8.00*		*87.9*	*70-130*			
LCS (2443167-BS2)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	40.2	20.0	50.0		80.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.13*		*8.00*		*89.2*	*70-130*			
LCS Dup (2443167-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	38.8	20.0	50.0		77.7	70-130	3.35	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.12*		*8.00*		*89.0*	*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:	Gio Gomez	10/28/2024 2:00:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443177-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.8*		*50.0*		*116*	*50-200*			
LCS (2443177-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132			
Surrogate: n-Nonane	*52.3*		*50.0*		*105*	*50-200*			
LCS Dup (2443177-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	289	25.0	250		115	38-132	5.18	20	
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*50-200*			

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	10/28/2024 2:00:57PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443158-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	ND	20.0							
LCS (2443158-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2443158-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	254	20.0	250		102	90-110	0.112	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	10/28/24 14:00

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 3 of 36 (22)

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Sea Wolf 1-12 CTB1	Attention: Devon	Lab WO# E410299	Job Number 01058-0007
Project Manager: Gio Gomez	Address:	1D X	2D	3D	Standard	CWA	SDWA
Address: 5614 N. Lovington Hwy.	City, State, Zip						
City, State, Zip Hobbs, NM, 88240	Phone:						RCRA
Phone: 806-782-1151	Email:						
Email: gio@pimaoil.com	Pima Project # 1-216-1					State: NM X	CO	UT	AZ	TX
Report due by:							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
10:01	10/22	S		CS6-1'	1									X				
10:59				CS6-2'	2													
11:11				CS6-3'	3													
11:17				CS6-4'	4													
11:23				CS7-1'	5													
11:36				CS7-2'	6													
11:43				CS7-3'	7													
11:52				CS7-4'	8													
11:59				CS8-1'	9													
12:06				CS8-2'	10													

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10/24/24	4:00	Michelle Gonzales	10-24-24	1600
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: Y / N — T1 ____ T2 ____ T3 ____ — AVG Temp °C 4

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 4 of 22 (36)

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Sea Wolf 1-12 CTB1	Attention: Devon	Lab WO# E410299	Job Number 01058-0007
Project Manager: Gio Gomez	Address:	1D: X	2D	3D	Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip	CWA	SDWA
City, State, Zip Hobbs, NM, 88240	Phone:	RCRA
Phone: 806-782-1151	Email:	State: NM: X	CO	UT	AZ	TX
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
12:13	10/22	S		CS8-3'	11									X				
12:25				CS8-4'	12													
12:31				CS9-1'	13													
12:37				CS9-2'	14													
12:41				CS9-3'	15													
12:54				CS9-4	16													
1:17				CS10-1'	17													
1:23				CS10-2'	18													
1:36				CS10-3'	19													
1:44				CS10-4'	20													

Additional Instructions: Billing #21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10/24/24	4:00	Michelle Gonzales	10-24-24	1600
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2024 10:46:21AM

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:	10/25/24 05:30	Work Order ID:	E410299
Phone:	(575) 631-6977	Date Logged In:	10/24/24 16:52	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410300
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410300
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 13:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS11-1'	E410300-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS11-2'	E410300-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS11-3'	E410300-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS11-4'	E410300-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS12-1'	E410300-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS12-2'	E410300-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS12-3'	E410300-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS12-4'	E410300-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS13-1'	E410300-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS13-2'	E410300-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS13-3'	E410300-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS13-4'	E410300-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS14-1'	E410300-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS14-2'	E410300-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS14-3'	E410300-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS14-4'	E410300-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS15-1'	E410300-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS15-2'	E410300-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS15-3'	E410300-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS15-4'	E410300-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 1:42:53PM

CS11-1'

E410300-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**292**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS11-2'

E410300-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**161**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS11-3'

E410300-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**40.5**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS11-4'

E410300-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**26.1**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS12-1'

E410300-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**216**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS12-2'

E410300-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**153**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS12-3'

E410300-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**49.5**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS12-4'

E410300-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**199**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS13-1'

E410300-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**290**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS13-2'

E410300-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**322**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS13-3'

E410300-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**307**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS13-4'

E410300-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**324**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS14-1'

E410300-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**274**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS14-2'

E410300-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**533**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS14-3'

E410300-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**284**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS14-4'

E410300-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**328**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS15-1'

E410300-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**292**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS15-2'

E410300-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**316**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS15-3'

E410300-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**581**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 1:42:53PM

CS15-4'

E410300-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443168
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443178
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*128 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443159
Chloride	**269**	20.0	1	10/25/24	10/26/24	

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	10/28/2024 1:42:53PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443168-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2443168-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	2.13	0.0250	2.50		85.3	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.43	0.0250	2.50		97.2	70-130			
o-Xylene	2.69	0.0250	2.50		107	70-130			
p,m-Xylene	5.40	0.0500	5.00		108	70-130			
Total Xylenes	8.09	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			
LCS Dup (2443168-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	2.11	0.0250	2.50		84.5	70-130	0.895	23	
Ethylbenzene	2.58	0.0250	2.50		103	70-130	2.00	27	
Toluene	2.46	0.0250	2.50		98.5	70-130	1.39	24	
o-Xylene	2.82	0.0250	2.50		113	70-130	4.65	27	
p,m-Xylene	5.63	0.0500	5.00		113	70-130	4.19	27	
Total Xylenes	8.45	0.0250	7.50		113	70-130	4.35	27	
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/2024 1:42:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443168-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2443168-BS2)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
LCS Dup (2443168-BSD2)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130	0.708	20	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*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:	Gio Gomez	10/28/2024 1:42:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443178-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*62.8*		*50.0*		*126*	*50-200*			
LCS (2443178-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			
LCS Dup (2443178-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132	3.21	20	
Surrogate: n-Nonane	*50.5*		*50.0*		*101*	*50-200*			

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	10/28/2024 1:42:53PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443159-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	ND	20.0							
LCS (2443159-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2443159-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	250	20.0	250		99.8	90-110	0.225	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	10/28/24 13:42

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 5 of 22 (36)

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: SeaWolf F-12 CTB 1	Attention: Devon	Lab WO# E410300
Project Manager: Gio Gomez	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 1-216-1	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State					
NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
1:56	10/22	S		CS11-1'	1									X				
1:59	"	"		CS11-2'	2									"				
2:06	"	"		CS11-3'	3									"				
2:11	"	"		CS11-4'	4									"				
2:17	"	"		CS12-1'	5									"				
2:26	"	"		CS12-2'	6									"				
2:30	"	"		CS12-3'	7									"				
2:38	"	"		CS12-4'	8									"				
2:41	"	"		CS13-1'	9									"				
2:48	"	"		CS13-2'	10									"				

Additional Instructions: Billing# 2100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10/24/24	4:00	Michelle Gonzales	10-24-24	1600
Michelle Gonzales	10-25-24	0116	Nac Salt	10-25-24	0530

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 6 of 36 (22)

Client: Pima Environmental Services	Bill To Attention: Devon	Lab Use Only: Lab WO# E410300 / Job Number 01058-0007
Project: SeaWolf 1-12 CTB1	Address:	TAT: 1D X / 2D / 3D / Standard
Project Manager: Gio Gomez	City, State, Zip	EPA Program: CWA / SDWA / RCRA
Address: 5614 N. Lovington Hwy.	Phone:	State: NM X / CO / UT / AZ / TX
City, State, Zip Hobbs, NM, 88240	Email:	
Phone: 806-782-1151	Pima Project # 1-216-1	
Email: gio@pimaoil.com		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
2:53	10/22	S		CS13-3'	11									X				
2:54	"	"		CS13-4'	12									"				
3:11	"	"		CS14-1'	13									"				
3:17	"	"		CS14-2'	14									"				
3:26	"	"		CS14-3'	15									"				
3:31	"	"		CS14-4'	16									"				
3:38	"	"		CS15-1'	17									"				
3:41	"	"		CS15-2'	18									"				
3:48	"	"		CS15-3'	19									"				
3:56	"	"		CS15-4'	20									"				

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10/24/24	4:00	Michelle Gonzales	10-24-24	1600
Michelle Gonzales	10-25-24	0114	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2024 10:47:44AM

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:	10/25/24 05:30	Work Order ID:	E410300
Phone:	(575) 631-6977	Date Logged In:	10/24/24 16:52	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410301
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410301
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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

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Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 10:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS16-1'	E410301-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS16-2'	E410301-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS16-3'	E410301-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS16-4'	E410301-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS17-1'	E410301-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS17-2'	E410301-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS17-3'	E410301-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS17-4'	E410301-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS18-1'	E410301-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS18-2'	E410301-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS18-3'	E410301-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS18-4'	E410301-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS19-1'	E410301-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS19-2'	E410301-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS19-3'	E410301-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS19-4'	E410301-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS20-1'	E410301-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS20-2'	E410301-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS20-3'	E410301-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS20-4'	E410301-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 10:22:29AM

CS16-1'

E410301-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**363**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS16-2'

E410301-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**341**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS16-3'

E410301-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**258**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS16-4'

E410301-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**285**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS17-1'

E410301-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**340**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS17-2'

E410301-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**383**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS17-3'

E410301-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**276**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS17-4'

E410301-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**269**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS18-1'

E410301-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**355**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS18-2'

E410301-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**364**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS18-3'

E410301-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/26/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/26/24	
Toluene	ND	0.0250	1	10/25/24	10/26/24	
o-Xylene	ND	0.0250	1	10/25/24	10/26/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/26/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/26/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/26/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/26/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**271**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS18-4'

E410301-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	**279**	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS19-1'

E410301-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS19-2'

E410301-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS19-3'

E410301-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS19-4'

E410301-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS20-1'

E410301-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS20-2'

E410301-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS20-3'

E410301-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:22:29AM

CS20-4'

E410301-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443169
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443179
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443160
Chloride	ND	20.0	1	10/25/24	10/26/24	

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	10/28/2024 10:22:29AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443169-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
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	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			
LCS (2443169-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	2.23	0.0250	2.50		89.2	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.7	70-130			
Toluene	2.37	0.0250	2.50		94.9	70-130			
o-Xylene	2.53	0.0250	2.50		101	70-130			
p,m-Xylene	5.02	0.0500	5.00		100	70-130			
Total Xylenes	7.55	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.588*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			
LCS Dup (2443169-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Benzene	2.23	0.0250	2.50		89.4	70-130	0.157	23	
Ethylbenzene	2.45	0.0250	2.50		97.9	70-130	2.21	27	
Toluene	2.42	0.0250	2.50		96.9	70-130	2.11	24	
o-Xylene	2.60	0.0250	2.50		104	70-130	2.55	27	
p,m-Xylene	5.15	0.0500	5.00		103	70-130	2.69	27	
Total Xylenes	7.75	0.0250	7.50		103	70-130	2.65	27	
Surrogate: Bromofluorobenzene	*0.586*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*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:	Gio Gomez	10/28/2024 10:22:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443169-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			
LCS (2443169-BS2)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130			
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.568*		*0.500*		*114*	*70-130*			
LCS Dup (2443169-BSD2)									Prepared: 10/25/24 Analyzed: 10/26/24
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.1	70-130	1.42	20	
Surrogate: Bromofluorobenzene	*0.594*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.448*		*0.500*		*89.6*	*70-130*			
Surrogate: Toluene-d8	*0.565*		*0.500*		*113*	*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:	Gio Gomez	10/28/2024 10:22:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443179-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			
LCS (2443179-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	269	25.0	250		107	38-132			
Surrogate: n-Nonane	*48.5*		*50.0*		*96.9*	*50-200*			
LCS Dup (2443179-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132	0.289	20	
Surrogate: n-Nonane	*49.1*		*50.0*		*98.2*	*50-200*			

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	10/28/2024 10:22:29AM

Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443160-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	ND	20.0							
LCS (2443160-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	249	20.0	250		99.7	90-110			
LCS Dup (2443160-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	250	20.0	250		99.9	90-110	0.158	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	10/28/24 10:22

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT	EPA Program
Project: SeaWolf 1-12 CTB1	Attention: Devon	Lab WO# E410301	Job Number 01058-0007	1D X	2D	3D	Standard	CWA	SDWA
Project Manager: Gio Gomez	Address:								
Address: 5614 N. Lovington Hwy.	City, State, Zip								RCRA
City, State, Zip Hobbs, NM, 88240	Phone:								
Phone: 806-782-1151	Email:							State	
Email: gio@pimaoil.com	Pima Project # 1-216-1							NM X	CO	UT	AZ	TX	
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
4:00	10/22	S		CS16-1'	1									X				
4:06				CS16-2'	2													
4:11				CS16-3'	3													
4:17				CS16-4'	4													
4:20				CS17-1'	5													
4:22				CS17-2'	6													
4:24				CS17-3'	7													
4:26				CS17-4'	8													
4:28				CS18-1'	9													
4:30				CS18-2'	10													

Analysis and Method

Additional Instructions: Billing # 21160941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Carmen Adame	10/24/24	4:00	Michelle Gonzales	10-24-24	1600
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 8 of 22 (36)

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: SeaWolf 1-12 GB1	Attention: Devon	Lab WO# E410301	Job Number 01058-0007
Project Manager: Gio Gomez	Address:	1D X 2D 3D Standard	CWA SDWA RCRA
Address: 5614 N. Lovington Hwy.	City, State, Zip		
City, State, Zip Hobbs, NM, 88240	Phone:		
Phone: 806-782-1151	Email:		
Email: gio@pimaoil.com	Pima Project # 1-216-1		
Report due by:			

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0; BGDOC NM; BGDOC TX

State: NM X; CO; UT; AZ; TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
4:31	10/22	S		CS18-3'	11	X	
4:33				CS18-4'	12		
4:36				CS19-1'	13		
4:37				CS19-2'	14		
4:38				CS19-3'	15		
4:41				CS19-4'	16		
4:42				CS20-1'	17		
4:43				CS20-2'	18		
4:44				CS20-3'	19		
4:48				CS20-4'	20		

Additional Instructions: Billing #21004141

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Lashae Adame	10/24/24	4:10	Michelle Gonzales	10.24.24	1610
Michelle Gonzales	10.25.24	0116	Joe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: Y / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2024 10:49:02AM

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:	10/25/24 05:30	Work Order ID:	E410301
Phone:	(575) 631-6977	Date Logged In:	10/24/24 16:54	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410302
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410302
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 14:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21-1'	E410302-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS21-2'	E410302-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS21-3'	E410302-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS21-4'	E410302-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS22-1'	E410302-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS22-2'	E410302-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS22-3'	E410302-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS22-4'	E410302-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS23-1'	E410302-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS23-2'	E410302-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS23-3'	E410302-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS23-4'	E410302-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS24-1'	E410302-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS24-2'	E410302-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS24-3'	E410302-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS24-4'	E410302-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS25-1'	E410302-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS25-2'	E410302-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS25-3'	E410302-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS25-4'	E410302-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 2:51:16PM

CS21-1'

E410302-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS21-2'

E410302-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS21-3'

E410302-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS21-4'

E410302-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS22-1'

E410302-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS22-2'

E410302-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS22-3'

E410302-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS22-4'

E410302-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	**24.8**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS23-1'

E410302-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS23-2'

E410302-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	**27.1**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS23-3'

E410302-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS23-4'

E410302-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS24-1'

E410302-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS24-2'

E410302-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	**20.5**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS24-3'

E410302-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	**34.3**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS24-4'

E410302-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*91.2 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS25-1'

E410302-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS25-2'

E410302-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	**34.9**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS25-3'

E410302-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	**31.9**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:51:16PM

CS25-4'

E410302-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443170
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443180
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443161
Chloride	ND	20.0	1	10/25/24	10/26/24	

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	10/28/2024 2:51:16PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443170-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2443170-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	4.78	0.0250	5.00		95.6	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	4.96	0.0250	5.00		99.1	70-130			
o-Xylene	4.98	0.0250	5.00		99.7	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.30*		*8.00*		*91.3*	*70-130*			
LCS Dup (2443170-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	4.60	0.0250	5.00		91.9	70-130	3.92	20	
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130	3.88	20	
Toluene	4.77	0.0250	5.00		95.4	70-130	3.81	20	
o-Xylene	4.80	0.0250	5.00		96.0	70-130	3.75	20	
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130	3.82	20	
Total Xylenes	14.5	0.0250	15.0		96.9	70-130	3.80	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.39*		*8.00*		*92.4*	*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:	Gio Gomez	10/28/2024 2:51:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443170-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
LCS (2443170-BS2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*70-130*			
LCS Dup (2443170-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.8	70-130	2.45	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*8.00*		*94.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/2024 2:51:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443180-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*62.6*		*50.0*		*125*	*50-200*			
LCS (2443180-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	*54.8*		*50.0*		*110*	*50-200*			
LCS Dup (2443180-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	271	25.0	250		109	38-132	2.56	20	
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			

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	10/28/2024 2:51:16PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443161-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	ND	20.0							
LCS (2443161-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2443161-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	258	20.0	250		103	90-110	0.0430	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	10/28/24 14:51

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Sea Wolf 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410302 | Job Number 01058-0007

TAT: 1D ✓ | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM ✓ | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM ✓	BGDOC TX			Remarks
4:50	10/22	S		CS21-1'	1									✓				
4:52				CS21-2'	2													
4:54				CS21-3'	3													
4:55				CS21-4'	4													
4:57				CS22-1'	5													
4:59				CS22-2'	6													
5:00				CS22-3'	7													
5:03				CS22-4'	8													
5:05				CS23-1'	9													
5:08				CS23-2'	10													

Additional Instructions: Billing #2100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Yanne Adame	10/24/24	4:10	Michelle Gonzales	10-24-24	1610
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: ScaWolf 1-12 CTB	Attention: Devon	Lab WO# E410322
Project Manager: Gio Gomez	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 1-216-1	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					

RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
5:10	10/22	S		CS23-3'	11									X				
5:12				CS23-4'	12													
5:14				CS24-1'	13													
5:16				CS24-2'	14													
5:18				CS24-3'	15													
5:20				CS24-4'	16													
5:22				CS25-1'	17													
5:26				CS25-2'	18													
5:31				CS25-3'	19													
5:37				CS25-4'	20													

Additional Instructions: Billing #21180941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Ajame	10/24/24	4:10	Michelle Gonzales	10-24-24	1610
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/25/2024 10:52:15AM

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:	10/25/24 05:30	Work Order ID:	E410302
Phone:	(575) 631-6977	Date Logged In:	10/24/24 16:58	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410303
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410303
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 10:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS26-1'	E410303-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS26-2'	E410303-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS26-3'	E410303-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS26-4'	E410303-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS27-1'	E410303-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS27-2'	E410303-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS27-3'	E410303-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS27-4'	E410303-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS28-1'	E410303-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS28-2'	E410303-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS28-3'	E410303-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS28-4'	E410303-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS29-1'	E410303-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS29-2'	E410303-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS29-3'	E410303-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS29-4'	E410303-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS30-1'	E410303-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS30-2'	E410303-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS30-3'	E410303-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS30-4'	E410303-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 10:53:21AM

CS26-1'

E410303-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS26-2'

E410303-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**46.3**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS26-3'

E410303-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**25.6**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS26-4'

E410303-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*124 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS27-1'

E410303-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS27-2'

E410303-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS27-3'

E410303-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS27-4'

E410303-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS28-1'

E410303-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**45.5**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS28-2'

E410303-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS28-3'

E410303-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**37.9**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS28-4'

E410303-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**58.7**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS29-1'

E410303-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS29-2'

E410303-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS29-3'

E410303-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS29-4'

E410303-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*125 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**35.1**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS30-1'

E410303-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*131 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS30-2'

E410303-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**26.0**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS30-3'

E410303-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	**35.8**	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:53:21AM

CS30-4'

E410303-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443171
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*99.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443181
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2443185
Chloride	ND	20.0	1	10/25/24	10/26/24	

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	10/28/2024 10:53:21AM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443171-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
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	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2443171-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.29	0.0250	2.50		91.8	70-130			
Ethylbenzene	2.51	0.0250	2.50		100	70-130			
Toluene	2.46	0.0250	2.50		98.5	70-130			
o-Xylene	2.68	0.0250	2.50		107	70-130			
p,m-Xylene	5.39	0.0500	5.00		108	70-130			
Total Xylenes	8.07	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			
LCS Dup (2443171-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.42	0.0250	2.50		96.7	70-130	5.26	23	
Ethylbenzene	2.62	0.0250	2.50		105	70-130	4.21	27	
Toluene	2.58	0.0250	2.50		103	70-130	4.64	24	
o-Xylene	2.90	0.0250	2.50		116	70-130	7.84	27	
p,m-Xylene	5.83	0.0500	5.00		117	70-130	7.79	27	
Total Xylenes	8.72	0.0250	7.50		116	70-130	7.81	27	
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*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:	Gio Gomez	10/28/2024 10:53:21AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443171-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2443171-BS2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	58.1	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			
LCS Dup (2443171-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	57.2	20.0	50.0		114	70-130	1.56	20	
Surrogate: Bromofluorobenzene	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*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:	Gio Gomez	10/28/2024 10:53:21AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443181-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.9*		*50.0*		*118*	*50-200*			
LCS (2443181-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	286	25.0	250		114	38-132			
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*50-200*			
LCS Dup (2443181-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132	0.410	20	
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			

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	10/28/2024 10:53:21AM

Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443185-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443185-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2443185-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	253	20.0	250		101	90-110	0.0574	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	10/28/24 10:53

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 11 of 22

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Seawolf 1-12 CTB 1	Attention: Devon	Lab WO# E410303	Job Number 01058-0007
Project Manager: Gio Gomez	Address:	1D X	2D	3D	Standard	CWA	SDWA
Address: 5614 N. Lovington Hwy.	City, State, Zip						RCRA
City, State, Zip Hobbs, NM, 88240	Phone:						
Phone: 806-782-1151	Email:					State: NM X	CO	UT	AZ	TX
Email: gio@pimaoil.com	Pima Project # 1-216-1						
Report due by:							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
5:34	10/22	S		CS26-1'	1							X		
5:36	"	"		CS26-2'	2							"		
5:38	"	"		CS26-3'	3							"		
5:40	"	"		CS26-4'	4							"		
5:41	"	"		CS27-1'	5							"		
5:43	"	"		CS27-2'	6							"		
5:46	"	"		CS27-3'	7							"		
5:50	"	"		CS27-4'	8							"		
5:51	"	"		CS28-1'	9							"		
5:52	"	"		CS28-2'	10							"		

Additional Instructions: Billing #21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Larime Ayame	10/24/24	4:10	Michelle Gonzales	10-24-24	1610
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0536
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: Y N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

envirotech

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 12 of 36 (22)

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Seawolf 1-12 CTB 1	Attention: Devon	Lab WO# E410303	Job Number 01058-0007
Project Manager: Gio Gomez	Address:	1D X	2D	3D	Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip	CWA	SDWA
City, State, Zip Hobbs, NM, 88240	Phone:	RCRA
Phone: 806-782-1151	Email:	State: NM X	CO	UT	AZ	TX
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
5:54	10/22	S		CS28-3'	11	
5:56				CS28-4'	12	
5:58				CS29-1'	13	
6:00				CS29-2'	14	
6:03				CS29-3'	15	
6:04				CS29-4'	16	
6:06				CS30-1'	17	
6:08				CS30-2'	18	
6:10				CS30-3'	19	
6:12				CS30-4'	20	

Additional Instructions: Billing #21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jerome Ajeme	10/24/24	4:10	Michelle Gonzales	10.24.24	1610
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: Y / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/25/2024 11:03:24AM

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:	10/25/24 05:30	Work Order ID:	E410303
Phone:	(575) 631-6977	Date Logged In:	10/24/24 16:58	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410304
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410304
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 10:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS31-1'	E410304-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS31-2'	E410304-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS31-3'	E410304-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS31-4'	E410304-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS32-1'	E410304-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS32-2'	E410304-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS32-3'	E410304-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS32-4'	E410304-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS33-1'	E410304-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS33-2'	E410304-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS33-3'	E410304-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS33-4'	E410304-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS34-1'	E410304-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS34-2'	E410304-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS34-3'	E410304-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS34-4'	E410304-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS35-1'	E410304-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS35-2'	E410304-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS35-3'	E410304-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS35-4'	E410304-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 10:55:59AM

CS31-1'

E410304-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS31-2'

E410304-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS31-3'

E410304-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS31-4'

E410304-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS32-1'

E410304-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS32-2'

E410304-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS32-3'

E410304-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS32-4'

E410304-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS33-1'

E410304-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS33-2'

E410304-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS33-3'

E410304-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS33-4'

E410304-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS34-1'

E410304-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS34-2'

E410304-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS34-3'

E410304-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS34-4'

E410304-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*130 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS35-1'

E410304-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS35-2'

E410304-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS35-3'

E410304-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 10:55:59AM

CS35-4'

E410304-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2443172
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443182
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443186
Chloride	ND	20.0	1	10/25/24	10/26/24	

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	10/28/2024 10:55:59AM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443172-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
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	*0.573*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.462*		*0.500*		*92.4*	*70-130*			
Surrogate: Toluene-d8	*0.551*		*0.500*		*110*	*70-130*			
LCS (2443172-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Toluene	2.54	0.0250	2.50		101	70-130			
o-Xylene	2.71	0.0250	2.50		108	70-130			
p,m-Xylene	5.43	0.0500	5.00		109	70-130			
Total Xylenes	8.13	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.594*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.541*		*0.500*		*108*	*70-130*			
LCS Dup (2443172-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.55	0.0250	2.50		102	70-130	1.58	23	
Ethylbenzene	2.60	0.0250	2.50		104	70-130	2.81	27	
Toluene	2.60	0.0250	2.50		104	70-130	2.53	24	
o-Xylene	2.75	0.0250	2.50		110	70-130	1.45	27	
p,m-Xylene	5.47	0.0500	5.00		109	70-130	0.826	27	
Total Xylenes	8.22	0.0250	7.50		110	70-130	1.03	27	
Surrogate: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*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:	Gio Gomez	10/28/2024 10:55:59AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443172-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.573*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.462*		*0.500*		*92.4*	*70-130*			
Surrogate: Toluene-d8	*0.551*		*0.500*		*110*	*70-130*			
LCS (2443172-BS2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.4	70-130			
Surrogate: Bromofluorobenzene	*0.602*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.460*		*0.500*		*91.9*	*70-130*			
Surrogate: Toluene-d8	*0.565*		*0.500*		*113*	*70-130*			
LCS Dup (2443172-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.5	70-130	2.02	20	
Surrogate: Bromofluorobenzene	*0.588*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.565*		*0.500*		*113*	*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:	Gio Gomez	10/28/2024 10:55:59AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443182-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.6*		*50.0*		*117*	*50-200*			
LCS (2443182-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	293	25.0	250		117	38-132			
Surrogate: n-Nonane	*59.2*		*50.0*		*118*	*50-200*			
LCS Dup (2443182-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	308	25.0	250		123	38-132	5.02	20	
Surrogate: n-Nonane	*62.0*		*50.0*		*124*	*50-200*			

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	10/28/2024 10:55:59AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443186-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443186-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	260	20.0	250		104	90-110			
LCS Dup (2443186-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	261	20.0	250		104	90-110	0.198	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	10/28/24 10:55

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 13 of 22 (36)

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Sea Wolf 1-12 GTB1	Attention: Devon	Lab WO# E410304
Project Manager: Gio Gomez	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM. 88240	Phone:	
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 1-26-1	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
6:14	10/22	S		CS31-1'	1	
6:16				CS31-2'	2	
6:18				CS31-3'	3	
6:20				CS31-4'	4	
6:21				CS32-1'	5	
6:23				CS32-2'	6	
6:25				CS32-3'	7	
6:31				CS32-4'	8	
6:36				CS33-1'	9	
6:38				CS33-2'	10	

Additional Instructions: Billing # 21009411

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ilarine Adame	10/24/24	4:10	Michelle Gonzales	10-24-24	1610
Michelle Gonzales	10-25-24	0116	Nic Sath	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

envirotech

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Seawolf 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 24-216-1
Report due by:	

Lab Use Only: Lab WO# E410304 | Job Number 00058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
6:39	10/22	S		CS33-3'	11	X	
6:41				CS33-4'	12		
6:43				CS34-1'	13		
6:45				CS34-2'	14		
6:48				CS34-3'	15		
6:49				CS34-4'	16		
6:50				CS35-1'	17		
6:52				CS35-2'	18		
6:54				CS35-3'	19		
6:58				CS35-4'	20		

Additional Instructions: Billing #2100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kenne Adame	10/24/24	4:10	Michelle Gonzales	10-24-24	1610
Michelle Gonzales	10-25-24	0116	Noe Sato	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/25/2024 11:05:48AM

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:	10/25/24 05:30	Work Order ID:	E410304
Phone:	(575) 631-6977	Date Logged In:	10/24/24 16:59	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410305
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410305
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 14:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS36-1'	E410305-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS36-2'	E410305-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS36-3'	E410305-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS36-4'	E410305-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS37-1'	E410305-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS37-2'	E410305-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS37-3'	E410305-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS37-4'	E410305-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS38-1'	E410305-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS38-2'	E410305-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS38-3'	E410305-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS38-4'	E410305-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS39-1'	E410305-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS39-2'	E410305-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS39-3'	E410305-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS39-4'	E410305-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS40-1'	E410305-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS40-2'	E410305-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS40-3'	E410305-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS40-4'	E410305-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 2:14:25PM

CS36-1'

E410305-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS36-2'

E410305-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS36-3'

E410305-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS36-4'

E410305-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/25/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/25/24*	*10/25/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS37-1'

E410305-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*99.6 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS37-2'

E410305-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS37-3'

E410305-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS37-4'

E410305-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS38-1'

E410305-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/25/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS38-2'

E410305-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS38-3'

E410305-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS38-4'

E410305-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS39-1'

E410305-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS39-2'

E410305-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*98.9 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS39-3'

E410305-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS39-4'

E410305-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS40-1'

E410305-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS40-2'

E410305-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS40-3'

E410305-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:14:25PM

CS40-4'

E410305-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443173
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443192
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443190
Chloride	ND	20.0	1	10/25/24	10/26/24	

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	10/28/2024 2:14:25PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443173-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.9*	*70-130*			
LCS (2443173-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	5.50	0.0250	5.00		110	70-130			
Toluene	5.49	0.0250	5.00		110	70-130			
o-Xylene	5.52	0.0250	5.00		110	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		*8.00*		*98.6*	*70-130*			
LCS Dup (2443173-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	5.08	0.0250	5.00		102	70-130	4.10	20	
Ethylbenzene	5.29	0.0250	5.00		106	70-130	3.86	20	
Toluene	5.27	0.0250	5.00		105	70-130	4.07	20	
o-Xylene	5.32	0.0250	5.00		106	70-130	3.83	20	
p,m-Xylene	10.8	0.0500	10.0		108	70-130	3.79	20	
Total Xylenes	16.1	0.0250	15.0		107	70-130	3.80	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/2024 2:14:25PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443173-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.86*		*8.00*		*85.7*	*70-130*			
LCS (2443173-BS2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.14*		*8.00*		*89.2*	*70-130*			
LCS Dup (2443173-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.5	70-130	1.66	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.4*	*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:	Gio Gomez	10/28/2024 2:14:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443192-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.0*		*50.0*		*97.9*	*50-200*			
LCS (2443192-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	249	25.0	250		99.5	38-132			
Surrogate: n-Nonane	*51.3*		*50.0*		*103*	*50-200*			
LCS Dup (2443192-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132	2.30	20	
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*50-200*			

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	10/28/2024 2:14:25PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443190-BLK1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	ND	20.0							
LCS (2443190-BS1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	255	20.0	250		102	90-110			
LCS Dup (2443190-BSD1)									Prepared: 10/25/24 Analyzed: 10/25/24
Chloride	255	20.0	250		102	90-110	0.0624	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	10/28/24 14:14

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

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Project Information | Chain of Custody | Page 16 of ~~35~~

| | | |

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT
Project: Seaworth FR GTBI	Attention: Devon	Lab WO# E410505	Job Number 01058-0007
Project Manager: Gio Gomez	Address:		1D X 2D 3D Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip		EPA Program: CWA SDWA RCRA
City, State, Zip Hobbs, NM. 88240	Phone:		State: NM X CO UT AZ TX
Phone: 806-782-1151	Email:		
Email: gio@pimaoil.com	Pima Project # 1-216-1		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM X	BGDOC TX			Remarks
6:54	10/22	S		CS36-1'	1									X				
7:00	"	"		CS36-2'	2									"				
7:02	"	"		CS36-3'	3									"				
7:04	"	"		CS36-4'	4									"				
7:06	"	"		CS37-1'	5									"				
7:08	"	"		CS37-2'	6									"				
7:10	"	"		CS37-3'	7									"				
7:13	"	"		CS37-4'	8									"				
7:15	"	"		CS38-1'	9									"				
7:17	"	"		CS38-2'	10									"				

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karma Adame	10/24/24	4:10	Michelle Gonzales	10-24-24	1610
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530

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

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

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

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

envirotech

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Envirotech Analytical Laboratory

Printed: 10/25/2024 9:25:44AM

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:	10/25/24 05:30	Work Order ID:	E410305
Phone:	(575) 631-6977	Date Logged In:	10/24/24 17:00	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410306
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410306
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 14:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS41-1'	E410306-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS41-2'	E410306-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS41-3'	E410306-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS41-4'	E410306-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS42-1'	E410306-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS42-2'	E410306-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS42-3'	E410306-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS42-4'	E410306-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS43-1'	E410306-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS43-2'	E410306-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS43-3'	E410306-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS43-4'	E410306-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS44-1'	E410306-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS44-2'	E410306-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS44-3'	E410306-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS44-4'	E410306-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS45-1'	E410306-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS45-2'	E410306-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS45-3'	E410306-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS45-4'	E410306-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 2:53:24PM

CS41-1'

E410306-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS41-2'

E410306-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS41-3'

E410306-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS41-4'

E410306-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS42-1'

E410306-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS42-2'

E410306-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS42-3'

E410306-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS42-4'

E410306-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS43-1'

E410306-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS43-2'

E410306-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS43-3'

E410306-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS43-4'

E410306-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS44-1'

E410306-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS44-2'

E410306-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS44-3'

E410306-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS44-4'

E410306-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS45-1'

E410306-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS45-2'

E410306-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS45-3'

E410306-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:53:24PM

CS45-4'

E410306-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443174
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443193
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443191
Chloride	ND	20.0	1	10/25/24	10/26/24	

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	10/28/2024 2:53:24PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443174-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			
LCS (2443174-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	4.69	0.0250	5.00		93.7	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.2	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.89	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130			
Total Xylenes	14.8	0.0250	15.0		98.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.45*		*8.00*		*93.1*	*70-130*			
LCS Dup (2443174-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	4.62	0.0250	5.00		92.4	70-130	1.45	20	
Ethylbenzene	4.83	0.0250	5.00		96.6	70-130	0.618	20	
Toluene	4.81	0.0250	5.00		96.2	70-130	0.999	20	
o-Xylene	4.86	0.0250	5.00		97.1	70-130	0.584	20	
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130	0.658	20	
Total Xylenes	14.7	0.0250	15.0		97.7	70-130	0.634	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.36*		*8.00*		*92.0*	*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:	Gio Gomez	10/28/2024 2:53:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443174-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2443174-BS2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.5*	*70-130*			
LCS Dup (2443174-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0		84.8	70-130	2.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.8*	*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:	Gio Gomez	10/28/2024 2:53:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443193-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
LCS (2443193-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
LCS Dup (2443193-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132	1.82	20	
Surrogate: n-Nonane	*52.3*		*50.0*		*105*	*50-200*			

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	10/28/2024 2:53:24PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443191-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443191-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2443191-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	251	20.0	250		100	90-110	0.193	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	10/28/24 14:53

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information

Chain of Custody

Client: Pima Environmental Services	
Project: See WOIF1-12 CTB1	
Project Manager: Gio Gomez	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM, 88240	
Phone: 806-782-1151	
Email: gio@pimaoil.com	
Report due by:	

Bill To

Attention: Devon	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	1-216-1

Lab Use Only

Lab WO#	Job Number
E410306	01058-0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
7:45	10/22	S		CS41 - 1'	1							X		
7:46				CS41 - 2'	2									
7:49				CS41 - 3'	3									
7:51				CS41 - 4'	4									
7:53				CS42 - 1'	5									
7:56				CS42 - 2'	6									
7:59				CS42 - 3'	7									
8:00				CS42 - 4'	8									
8:01				CS43 - 1'	9									
8:03				CS43 - 2'	10									

Additional Instructions: Billing: 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Vanessa Ramos	10/24/24	4:10	Michelle Gonzales	10-24-24	1610
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT
Project: Seawolf 1-NCTB1	Attention: Devon	Lab WO# E410306 / Job Number 21058-0007	1D X / 2D / 3D / Standard
Project Manager: Gio Gomez	Address:		EPA Program: CWA / SDWA / RCRA
Address: 5614 N. Lovington Hwy.	City, State, Zip		State: NM X / CO / UT / AZ / TX
City, State, Zip Hobbs, NM, 88240	Phone:		
Phone: 806-782-1151	Email:		
Email: gio@pimaoil.com	Pima Project # 1-216-1		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:04	10/22	S		CS43-3'	11							X		
8:07				CS43-4'	12									
8:10				CS44-1'	13									
8:11				CS44-2'	14									
8:12				CS44-3'	15									
8:13				CS44-4'	16									
8:14				CS45-1'	17									
8:16				CS45-2'	18									
8:18				CS45-3'	19									
8:20				CS45-4'	20									

Additional Instructions: Billing #2110941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kanmeatame	10/24/24	4:30	Michelle Gonzales	10-24-24	1630
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530

Lab Use Only — Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2024 9:39:11AM

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:	10/25/24 05:30	Work Order ID:	E410306
Phone:	(575) 631-6977	Date Logged In:	10/24/24 17:21	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410307
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410307
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 14:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS46-1'	E410307-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS46-2'	E410307-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS46-3'	E410307-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS46-4'	E410307-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS47-1'	E410307-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS47-2'	E410307-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS47-3'	E410307-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS47-4'	E410307-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS48-1'	E410307-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS48-2'	E410307-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS48-3'	E410307-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS48-4'	E410307-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS49-1'	E410307-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS49-2'	E410307-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS49-3'	E410307-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS49-4'	E410307-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS50-1'	E410307-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS50-2'	E410307-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS50-3'	E410307-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS50-4'	E410307-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 2:07:58PM

CS46-1'

E410307-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS46-2'

E410307-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS46-3'

E410307-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS46-4'

E410307-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS47-1'

E410307-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS47-2'

E410307-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS47-3'

E410307-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS47-4'

E410307-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*76.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*76.8 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS48-1'

E410307-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS48-2'

E410307-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/26/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS48-3'

E410307-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS48-4'

E410307-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS49-1'

E410307-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS49-2'

E410307-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*81.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*81.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS49-3'

E410307-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS49-4'

E410307-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS50-1'

E410307-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS50-2'

E410307-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS50-3'

E410307-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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:	Gio Gomez	10/28/2024 2:07:58PM

CS50-4'

E410307-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443175
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443194
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443197
Chloride	ND	20.0	1	10/25/24	10/26/24	

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	10/28/2024 2:07:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443175-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
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	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.455*		*0.500*		*91.0*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2443175-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.31	0.0250	2.50		92.5	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.55	0.0250	2.50		102	70-130			
o-Xylene	2.81	0.0250	2.50		112	70-130			
p,m-Xylene	5.68	0.0500	5.00		114	70-130			
Total Xylenes	8.49	0.0250	7.50		113	70-130			
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.8*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
LCS Dup (2443175-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.33	0.0250	2.50		93.0	70-130	0.496	23	
Ethylbenzene	2.56	0.0250	2.50		102	70-130	0.759	27	
Toluene	2.53	0.0250	2.50		101	70-130	1.00	24	
o-Xylene	2.76	0.0250	2.50		110	70-130	1.87	27	
p,m-Xylene	5.54	0.0500	5.00		111	70-130	2.60	27	
Total Xylenes	8.29	0.0250	7.50		111	70-130	2.36	27	
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/2024 2:07:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443175-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.455*		*0.500*		*91.0*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
LCS (2443175-BS2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.7*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			
LCS Dup (2443175-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130	2.83	20	
Surrogate: Bromofluorobenzene	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*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:	Gio Gomez	10/28/2024 2:07:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443194-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*68.4*		*50.0*		*137*	*50-200*			
LCS (2443194-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*50-200*			
LCS Dup (2443194-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132	0.647	20	
Surrogate: n-Nonane	*56.3*		*50.0*		*113*	*50-200*			

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	10/28/2024 2:07:58PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443197-BLK1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443197-BS1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	252	20.0	250		101	90-110			
LCS Dup (2443197-BSD1)									Prepared: 10/25/24 Analyzed: 10/26/24
Chloride	252	20.0	250		101	90-110	0.0382	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	10/28/24 14:07

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Seaworth 1-12 CTB 1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410307 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:21	10/22	S		CS46-1'	1	X	
8:22	"	"		CS46-2'	2		
8:24	"	"		CS46-3'	3		
8:26	"	"		CS46-4'	4		
8:27	"	"		CS47-1'	5		
8:29	"	"		CS47-2'	6		
8:30	"	"		CS47-3'	7		
8:31	"	"		CS47-4'	8		
8:33	"	"		CS48-1'	9		
8:34	"	"		CS48-2'	10		

Additional Instructions: Billing # 2110941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Carmen Hanna	10/24/24	4:30	Michelle Gonzales	10-24-24	1630
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: Y / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: SeaWolf 1-12 CTB 1	Attention: Paron
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 126-1
Report due by:	

Lab Use Only: Lab WO# E410307 | Job Number 01058-0007

TAT: 1D ✓ | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM ✓ | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:36	10/22	S		CS48-3'	11	✓	
8:37				CS48-4'	12		
8:38				CS49-1'	13		
8:40				CS49-2'	14		
8:42				CS49-3'	15		
8:46				CS49-4'	16		
8:50				CS50-1'	17		
8:52				CS50-2'	18		
8:54				CS50 3'	19		
8:59				CS50-4'	20		

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karthe Hanse	10/24/24	4:30	Michelle Gonzales	10-24-24	1630
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2024 9:44:59AM

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:	10/25/24 05:30	Work Order ID:	E410307
Phone:	(575) 631-6977	Date Logged In:	10/24/24 17:22	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410308
Job Number:	01058-0007
Received:	10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/28/24

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: 10/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410308
Date Received: 10/25/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, 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
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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/28/24 15:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS51-1'	E410308-01A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS51-2'	E410308-02A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS51-3'	E410308-03A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS51-4'	E410308-04A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS52-1'	E410308-05A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS52-2'	E410308-06A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS52-3'	E410308-07A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS52-4'	E410308-08A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS53-1'	E410308-09A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS53-2'	E410308-10A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS53-3'	E410308-11A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS53-4'	E410308-12A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS54-1'	E410308-13A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS54-2'	E410308-14A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS54-3'	E410308-15A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS54-4'	E410308-16A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS55-1'	E410308-17A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS55-2'	E410308-18A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS55-3'	E410308-19A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.
CS55-4'	E410308-20A	Soil	10/22/24	10/25/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/28/2024 3:05:10PM

CS51-1'

E410308-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS51-2'

E410308-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS51-3'

E410308-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*127 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS51-4'

E410308-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS52-1'

E410308-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS52-2'

E410308-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS52-3'

E410308-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS52-4'

E410308-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS53-1'

E410308-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS53-2'

E410308-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS53-3'

E410308-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/27/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/27/24	
Toluene	ND	0.0250	1	10/25/24	10/27/24	
o-Xylene	ND	0.0250	1	10/25/24	10/27/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/27/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/27/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/27/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*124 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS53-4'

E410308-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS54-1'

E410308-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS54-2'

E410308-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS54-3'

E410308-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS54-4'

E410308-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS55-1'

E410308-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS55-2'

E410308-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS55-3'

E410308-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/28/2024 3:05:10PM

CS55-4'

E410308-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443176
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443195
Diesel Range Organics (C10-C28)	ND	25.0	1	10/25/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/25/24	10/27/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/25/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443205
Chloride	ND	20.0	1	10/26/24	10/26/24	

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	10/28/2024 3:05:10PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443176-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
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	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			
LCS (2443176-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.44	0.0250	2.50		97.7	70-130			
Ethylbenzene	2.45	0.0250	2.50		97.9	70-130			
Toluene	2.48	0.0250	2.50		99.1	70-130			
o-Xylene	2.64	0.0250	2.50		106	70-130			
p,m-Xylene	5.24	0.0500	5.00		105	70-130			
Total Xylenes	7.89	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	*0.593*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			
LCS Dup (2443176-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Benzene	2.53	0.0250	2.50		101	70-130	3.66	23	
Ethylbenzene	2.59	0.0250	2.50		103	70-130	5.52	27	
Toluene	2.59	0.0250	2.50		104	70-130	4.50	24	
o-Xylene	2.78	0.0250	2.50		111	70-130	5.05	27	
p,m-Xylene	5.56	0.0500	5.00		111	70-130	5.90	27	
Total Xylenes	8.34	0.0250	7.50		111	70-130	5.62	27	
Surrogate: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*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:	Gio Gomez	10/28/2024 3:05:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443176-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			
LCS (2443176-BS2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: Bromofluorobenzene	*0.602*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.7*	*70-130*			
Surrogate: Toluene-d8	*0.559*		*0.500*		*112*	*70-130*			
LCS Dup (2443176-BSD2)									Prepared: 10/25/24 Analyzed: 10/27/24
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.1	70-130	1.01	20	
Surrogate: Bromofluorobenzene	*0.589*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.566*		*0.500*		*113*	*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:	Gio Gomez	10/28/2024 3:05:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443195-BLK1)									Prepared: 10/25/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.9*		*50.0*		*114*	*50-200*			
LCS (2443195-BS1)									Prepared: 10/25/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	271	25.0	250		109	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
LCS Dup (2443195-BSD1)									Prepared: 10/25/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132	1.17	20	
Surrogate: n-Nonane	*57.2*		*50.0*		*114*	*50-200*			

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	10/28/2024 3:05:10PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443205-BLK1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443205-BS1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	254	20.0	250		101	90-110			
LCS Dup (2443205-BSD1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	256	20.0	250		102	90-110	0.804	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	10/28/24 15:05

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 21 of 22

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT
Project: Sea Wolf 1-12 CTB1	Attention: Devon	Lab WO# E410308	Job Number 01058-0007
Project Manager: Gio Gomez	Address:		1D X 2D 3D Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip		EPA Program: CWA SDWA RCRA
City, State, Zip Hobbs, NM. 88240	Phone:		State: NM X CO UT AZ TX
Phone: 806-782-1151	Email:		
Email: gio@pimaoil.com	Pima Project # 1-216-1		
Report due by:			

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
9:00	10/22	S		CS51-1'	1									X				
9:02				CS51 2'	2													
9:04				CS51-3'	3													
9:06				CS51-4'	4													
9:07				CS52-1'	5													
9:10				CS52-2'	6													
9:11				CS52-3'	7													
9:13				CS52-4'	8													
9:15				CS53-1'	9													
9:17				CS53-2'	10													

Additional Instructions: Billing # 211009441

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Afame	10/24/24	4:30	Michelle Gonzales	10-24-24	1630
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530

Lab Use Only — Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: SeaWolf 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410308 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
9:19	10/22	S		CS53-3'	11	
9:21				CS53-4'	12	
9:25				CS54-1'	13	
9:30				CS54-2'	14	
9:32				CS54-3'	15	
9:36				CS54-4'	16	
9:42				CS55-1'	17	
9:56				CS55-2'	18	
9:57				CS55-3'	19	
9:58 AM				CS55-4'	20	

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kurme Adame	10/24/24	4:30	Michelle Gonzales	10-24-24	1630
Michelle Gonzales	10-25-24	0116	Noe Soto	10-25-24	0530

Lab Use Only — Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/25/2024 9:52:27AM

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:	10/25/24 05:30	Work Order ID:	E410308
Phone:	(575) 631-6977	Date Logged In:	10/24/24 17:23	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	10/25/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410298-E410308.

Client Instruction

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

Date

envirotech Inc.

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:	E410322
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410322
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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

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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 15:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS56-1'	E410322-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS56-2'	E410322-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS56-3'	E410322-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS56-4'	E410322-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS57-1'	E410322-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS57-2'	E410322-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS57-3'	E410322-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS57-4'	E410322-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS58-1'	E410322-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS58-2'	E410322-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS58-3'	E410322-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS58-4'	E410322-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS59-1'	E410322-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS59-2'	E410322-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS59-3'	E410322-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS59-4'	E410322-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS60-1'	E410322-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS60-2'	E410322-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS60-3'	E410322-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS60-4'	E410322-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 3:56:56PM

CS56-1'

E410322-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS56-2'

E410322-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*91.5 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS56-3'

E410322-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS56-4'

E410322-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*95.0 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS57-1'

E410322-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*92.5 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS57-2'

E410322-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*95.2 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS57-3'

E410322-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS57-4'

E410322-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS58-1'

E410322-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*94.2 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS58-2'

E410322-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*94.8 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS58-3'

E410322-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS58-4'

E410322-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS59-1'

E410322-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS59-2'

E410322-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS59-3'

E410322-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS59-4'

E410322-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS60-1'

E410322-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS60-2'

E410322-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS60-3'

E410322-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:56:56PM

CS60-4'

E410322-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443199
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443212
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443210
Chloride	ND	20.0	1	10/26/24	10/27/24	

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	10/29/2024 3:56:56PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443199-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.9*	*70-130*			
LCS (2443199-BS1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	4.66	0.0250	5.00		93.1	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.9	70-130			
Toluene	4.56	0.0250	5.00		91.3	70-130			
o-Xylene	4.43	0.0250	5.00		88.5	70-130			
p,m-Xylene	9.04	0.0500	10.0		90.4	70-130			
Total Xylenes	13.5	0.0250	15.0		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.2*	*70-130*			
LCS Dup (2443199-BSD1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	5.13	0.0250	5.00		103	70-130	9.65	20	
Ethylbenzene	4.92	0.0250	5.00		98.4	70-130	10.2	20	
Toluene	5.04	0.0250	5.00		101	70-130	9.92	20	
o-Xylene	4.90	0.0250	5.00		98.0	70-130	10.2	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	10.1	20	
Total Xylenes	14.9	0.0250	15.0		99.4	70-130	10.1	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.2*	*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:	Gio Gomez	10/29/2024 3:56:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443199-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.07*		*8.00*		*88.4*	*70-130*			
LCS (2443199-BS2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	38.4	20.0	50.0		76.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.7*	*70-130*			
LCS Dup (2443199-BSD2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130	17.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 3:56:56PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443212-BLK1)									Prepared: 10/26/24 Analyzed: 10/29/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.7*		*50.0*		*99.3*	*50-200*			
LCS (2443212-BS1)									Prepared: 10/26/24 Analyzed: 10/29/24
Diesel Range Organics (C10-C28)	235	25.0	250		94.0	38-132			
Surrogate: n-Nonane	*46.2*		*50.0*		*92.3*	*50-200*			
LCS Dup (2443212-BSD1)									Prepared: 10/26/24 Analyzed: 10/29/24
Diesel Range Organics (C10-C28)	241	25.0	250		96.3	38-132	2.44	20	
Surrogate: n-Nonane	*47.3*		*50.0*		*94.5*	*50-200*			

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	10/29/2024 3:56:56PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443210-BLK1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443210-BS1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	265	20.0	250		106	90-110			
LCS Dup (2443210-BSD1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	264	20.0	250		106	90-110	0.228	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	10/29/24 15:56

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Sea Wolf 1-12 GTB1
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM. 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 1-216-1

Lab Use Only
Lab WO# E410322 Job Number 01058.0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
7:30	10/23	S		CS56-1'	1							X		
7:36	"	"		CS56-2'	2							"		
7:40	"	"		CS56-3'	3							"		
7:48	"	"		CS56-4'	4							"		
7:52	"	"		CS57-1'	5							"		
7:58	"	"		CS57-2'	6							"		
8:09	"	"		CS57-3'	7							"		
8:11	"	"		CS57-4'	8							"		
8:17	"	"		CS58-1'	9							"		
8:25	"	"		CS58-2'	10							"		

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	10.25.24	1430		10.25.24	1435
	10.25.24	1615		10.26.24	8:00
	10.25.24	2230		10.25.24	2330

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Seaview 1-12 CTB1
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 1-216-1

Lab Use Only
Lab WO# E410322
Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:30	10/22	S		CS58-3'	11							X		
8:36	"	"		CS58-4'	12									
8:41				CS59-1'	13									
8:48				CS59-2'	14									
8:56				CS59-3'	15									
8:59				CS59-4'	16									
9:11				CS60-1'	17									
9:17				CS60-2'	18									
9:20				CS60-3'	19									
9:28				CS60-4'	20									

Additional Instructions: Billing # 21100924

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.26.24	8:00
	10/25/24	2230		10/25/24	[illegible]

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/28/2024 9:00:47AM

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:	10/26/24 08:00	Work Order ID:	E410322
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:04	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

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:	E410323
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410323
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 15:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS61-1'	E410323-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS61-2'	E410323-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS61-3'	E410323-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS61-4'	E410323-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS62-1'	E410323-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS62-2'	E410323-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS62-3'	E410323-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS62-4'	E410323-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS63-1'	E410323-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS63-2'	E410323-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS63-3'	E410323-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS63-4'	E410323-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS64-1'	E410323-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS65-2'	E410323-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS65-3'	E410323-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS65-4'	E410323-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS66-1'	E410323-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS66-2'	E410323-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS66-3'	E410323-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS66-4'	E410323-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 3:33:18PM

CS61-1'

E410323-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS61-2'

E410323-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS61-3'

E410323-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS61-4'

E410323-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS62-1'

E410323-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS62-2'

E410323-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS62-3'

E410323-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS62-4'

E410323-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS63-1'

E410323-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS63-2'

E410323-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS63-3'

E410323-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS63-4'

E410323-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS64-1'

E410323-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS65-2'

E410323-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/26/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS65-3'

E410323-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS65-4'

E410323-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*120 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS66-1'

E410323-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS66-2'

E410323-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*137 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS66-3'

E410323-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:33:18PM

CS66-4'

E410323-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443200
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443213
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2443211
Chloride	ND	20.0	1	10/26/24	10/27/24	

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	10/29/2024 3:33:18PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443200-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.15*		*8.00*		*89.4*	*70-130*			
LCS (2443200-BS1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	4.75	0.0250	5.00		95.0	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.1	70-130			
Toluene	4.64	0.0250	5.00		92.7	70-130			
o-Xylene	4.51	0.0250	5.00		90.2	70-130			
p,m-Xylene	9.16	0.0500	10.0		91.6	70-130			
Total Xylenes	13.7	0.0250	15.0		91.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.13*		*8.00*		*89.1*	*70-130*			
LCS Dup (2443200-BSD1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	4.40	0.0250	5.00		88.1	70-130	7.60	20	
Ethylbenzene	4.20	0.0250	5.00		84.0	70-130	7.07	20	
Toluene	4.31	0.0250	5.00		86.2	70-130	7.30	20	
o-Xylene	4.21	0.0250	5.00		84.1	70-130	7.00	20	
p,m-Xylene	8.55	0.0500	10.0		85.5	70-130	6.89	20	
Total Xylenes	12.8	0.0250	15.0		85.0	70-130	6.92	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.09*		*8.00*		*88.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 3:33:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443200-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2443200-BS2)									Prepared: 10/25/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			
LCS Dup (2443200-BSD2)									Prepared: 10/25/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.2	70-130	0.507	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*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:	Gio Gomez	10/29/2024 3:33:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443213-BLK1)									Prepared: 10/26/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.7*		*50.0*		*107*	*50-200*			
LCS (2443213-BS1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132			
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			
LCS Dup (2443213-BSD1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	296	25.0	250		118	38-132	4.88	20	
Surrogate: n-Nonane	*58.6*		*50.0*		*117*	*50-200*			

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	10/29/2024 3:33:18PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443211-BLK1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	ND	20.0							
LCS (2443211-BS1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	265	20.0	250		106	90-110			
LCS Dup (2443211-BSD1)									Prepared: 10/26/24 Analyzed: 10/26/24
Chloride	264	20.0	250		106	90-110	0.188	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	10/29/24 15:33

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: SEAWOLF 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410323 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:30	10/23	S		CS61-1'	1	X	
9:34	"	"		CS61-2'	2	"	
9:38	"	"		CS61-3'	3	"	
9:40	"	"		CS61-4'	4	"	
9:46	"	"		CS62-1'	5	"	
9:48	"	"		CS62-2'	6	"	
9:50	"	"		CS62-3'	7	"	
9:56	"	"		CS62-4'	8	"	
9:59	"	"		CS63-1'	9	"	
10:01	"	"		CS63-2'	10	"	

Additional Instructions: Billing #21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.26.24	8:00
	10/25/24	2230		10/25/24	1615

Lab Use Only — Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Sea Wolf 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410323 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
10:15	10/23	S		CS66-3'	11	X	
10:21	"	"		CS63 - 4'	12		
10:28				CS64 - 1'	13		
10:32				CS65 - 2'	14		
10:36				CS65 - 3'	15		
10:40				CS65 - 4'	16		
10:45				CS66 - 1'	17		
10:49				CS66 - 2'	18		
10:56				CS66 - 3'	19		
10:59				CS66 - 4'	20		

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Levine Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.26.24	8:00
	10/25/24	2250		10/25/24	0615

Lab Use Only — Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/28/2024 9:16:12AM

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:	10/26/24 08:00	Work Order ID:	E410323
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:06	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

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:	E410324
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410324
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 16:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS67-1'	E410324-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS67-2'	E410324-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS67-3'	E410324-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS67-4'	E410324-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS68-1'	E410324-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS68-2'	E410324-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS68-3'	E410324-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS68-4'	E410324-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS69-1'	E410324-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS69-2'	E410324-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS69-3'	E410324-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS69-4'	E410324-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS70-1'	E410324-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS70-2'	E410324-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS70-3'	E410324-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS70-4'	E410324-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS71-1'	E410324-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS71-2'	E410324-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS71-3'	E410324-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS71-4'	E410324-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 4:54:20PM

CS67-1'

E410324-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS67-2'

E410324-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS67-3'

E410324-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS67-4'

E410324-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS68-1'

E410324-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS68-2'

E410324-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS68-3'

E410324-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*99.6 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS68-4'

E410324-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS69-1'

E410324-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS69-2'

E410324-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS69-3'

E410324-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS69-4'

E410324-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS70-1'

E410324-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS70-2'

E410324-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.2 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS70-3'

E410324-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS70-4'

E410324-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*99.2 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS71-1'

E410324-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS71-2'

E410324-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS71-3'

E410324-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:54:20PM

CS71-4'

E410324-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443201
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443215
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2443214
Chloride	ND	20.0	1	10/26/24	10/27/24	

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	10/29/2024 4:54:20PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443201-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			
LCS (2443201-BS1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.40	0.0250	2.50		95.8	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
Toluene	2.53	0.0250	2.50		101	70-130			
o-Xylene	2.65	0.0250	2.50		106	70-130			
p,m-Xylene	5.29	0.0500	5.00		106	70-130			
Total Xylenes	7.94	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	*0.589*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
LCS Dup (2443201-BSD1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.43	0.0250	2.50		97.2	70-130	1.41	23	
Ethylbenzene	2.53	0.0250	2.50		101	70-130	0.414	27	
Toluene	2.53	0.0250	2.50		101	70-130	0.218	24	
o-Xylene	2.69	0.0250	2.50		107	70-130	1.35	27	
p,m-Xylene	5.39	0.0500	5.00		108	70-130	1.86	27	
Total Xylenes	8.08	0.0250	7.50		108	70-130	1.69	27	
Surrogate: Bromofluorobenzene	*0.587*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.540*		*0.500*		*108*	*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:	Gio Gomez	10/29/2024 4:54:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443201-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			
LCS (2443201-BS2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.7	70-130			
Surrogate: Bromofluorobenzene	*0.586*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.568*		*0.500*		*114*	*70-130*			
LCS Dup (2443201-BSD2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.5	70-130	1.90	20	
Surrogate: Bromofluorobenzene	*0.599*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*92.9*	*70-130*			
Surrogate: Toluene-d8	*0.565*		*0.500*		*113*	*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:	Gio Gomez	10/29/2024 4:54:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443215-BLK1)									Prepared: 10/26/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*50-200*			
LCS (2443215-BS1)									Prepared: 10/26/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	*50.8*		*50.0*		*102*	*50-200*			
LCS Dup (2443215-BSD1)									Prepared: 10/26/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132	3.02	20	
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			

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	10/29/2024 4:54:20PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443214-BLK1)									Prepared: 10/26/24 Analyzed: 10/27/24
Chloride	ND	20.0							
LCS (2443214-BS1)									Prepared: 10/26/24 Analyzed: 10/27/24
Chloride	273	20.0	250		109	90-110			
LCS Dup (2443214-BSD1)									Prepared: 10/26/24 Analyzed: 10/27/24
Chloride	273	20.0	250		109	90-110	0.131	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	10/29/24 16:54

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Seaboard 2H2 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410324 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:16	10/23	S		CS67-1'	1	X	
11:20				CS67-2'	2		
11:25				CS67-3'	3		
11:32				CS67-4'	4		
11:38				CS68-1'	5		
11:46				CS68-2'	6		
11:49				CS68-3'	7		
11:51				CS68-4'	8		
11:56				CS69-1'	9		
12:00				CS69-2'	10		

Additional Instructions: Billing: 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.26.24	8:00
	10/25/24	2230		10/25/24	1615

Lab Use Only — Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 6 of 17

Client: Pima Environmental Services	Bill To
Project: Seawolf 1-12 CTB 1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410324 | Job Number 01057-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
12:07	10/23	S		CS69-3'	11	
12:10				CS69-4'	12	
12:13				CS70-1'	13	
12:16				CS70-2'	14	
12:20				CS70-3'	15	
12:28				CS70-4'	16	
12:32				CS71-1'	17	
12:38				CS71-2'	18	
12:43				CS71-3'	19	
12:47				CS71-4'	20	

Additional Instructions: Billing# 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.26.24	8:00
	10/25/24	2330		10/25/24	1615

Lab Use Only: Received on ice: (Y) / N

T1 | T2 | T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/28/2024 9:20:36AM

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:	10/26/24 08:00	Work Order ID:	E410324
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:07	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

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:	E410325
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410325
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 15:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS72-1'	E410325-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS72-2'	E410325-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS72-3'	E410325-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS72-4'	E410325-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS73-1'	E410325-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS73-2'	E410325-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS73-3'	E410325-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS73-4'	E410325-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS74-1'	E410325-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS74-2'	E410325-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS74-3'	E410325-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS74-4'	E410325-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS75-1'	E410325-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS75-2'	E410325-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS75-3'	E410325-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS75-4'	E410325-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS76-1'	E410325-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS76-2'	E410325-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS76-3'	E410325-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS76-4'	E410325-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 3:52:13PM

CS72-1'

E410325-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS72-2'

E410325-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS72-3'

E410325-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS72-4'

E410325-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS73-1'

E410325-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*97.8 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS73-2'

E410325-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS73-3'

E410325-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*122 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS73-4'

E410325-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS74-1'

E410325-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS74-2'

E410325-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS74-3'

E410325-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS74-4'

E410325-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*125 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS75-1'

E410325-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*131 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS75-2'

E410325-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*126 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS75-3'

E410325-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS75-4'

E410325-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS76-1'

E410325-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS76-2'

E410325-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS76-3'

E410325-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:52:13PM

CS76-4'

E410325-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443202
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443216
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/28/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*10/26/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444001
Chloride	ND	20.0	1	10/27/24	10/27/24	

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	10/29/2024 3:52:13PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443202-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.475*		*0.500*		*94.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			
LCS (2443202-BS1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.23	0.0250	2.50		89.4	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.61	0.0250	2.50		105	70-130			
p,m-Xylene	5.20	0.0500	5.00		104	70-130			
Total Xylenes	7.82	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
LCS Dup (2443202-BSD1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.23	0.0250	2.50		89.4	70-130	0.00	23	
Ethylbenzene	2.56	0.0250	2.50		102	70-130	1.84	27	
Toluene	2.46	0.0250	2.50		98.5	70-130	2.01	24	
o-Xylene	2.62	0.0250	2.50		105	70-130	0.287	27	
p,m-Xylene	5.29	0.0500	5.00		106	70-130	1.73	27	
Total Xylenes	7.91	0.0250	7.50		106	70-130	1.25	27	
Surrogate: Bromofluorobenzene	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*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:	Gio Gomez	10/29/2024 3:52:13PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443202-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.475*		*0.500*		*94.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			
LCS (2443202-BS2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			
LCS Dup (2443202-BSD2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	6.29	20	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*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:	Gio Gomez	10/29/2024 3:52:13PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443216-BLK1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*50-200*			
LCS (2443216-BS1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	*60.1*		*50.0*		*120*	*50-200*			
LCS Dup (2443216-BSD1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	285	25.0	250		114	38-132	2.33	20	
Surrogate: n-Nonane	*58.6*		*50.0*		*117*	*50-200*			

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	10/29/2024 3:52:13PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444001-BLK1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	ND	20.0							
LCS (2444001-BS1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	256	20.0	250		102	90-110			
LCS Dup (2444001-BSD1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	256	20.0	250		102	90-110	0.0500	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	10/29/24 15:52

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 7 of 17

Client: Pima Environmental Services	Bill To
Project: Seawolf 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410325 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
12:53	10/23	S		CS72-1'	1	
12:59				CS72-2'	2	
1:17				CS72-3'	3	
1:23				CS72-4'	4	
1:29				CS73-1'	5	
1:36				CS73-2'	6	
1:39				CS73-3'	7	
1:44				CS73-4'	8	
1:48				CS74-1'	9	
1:52				CS74-2'	10	

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Corine Adame	1435	1435		1435	1435
	10.25.24	1615		10/25/24	1615
	10/25/24	2230		10.26.24	8:00

Lab Use Only — Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 8 of 17

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: SeaWolf 1-12 CTB 1	Attention: Devon	Lab WO# E410325	Job Number 0058.0007
Project Manager: Gio Gomez	Address:	1D X	2D	3D	Standard	CWA	SDWA
Address: 5614 N. Lovington Hwy.	City, State, Zip						RCRA
City, State, Zip Hobbs, NM. 88240	Phone:						
Phone: 806-782-1151	Email:	State: NM X	CO	UT	AZ	TX
Email: gio@pimaoil.com	Pima Project # 1-216-1						
Report due by:							

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0; BGDOC NM; BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
1:56	10/23	S		CS74-3'	11	X	
1:59				CS74-4'	12		
2:04				CS75-1'	13		
2:11				CS75-2'	14		
2:17				CS75-3'	15		
2:21				CS75-4'	16		
2:23				CS76-1'	17		
2:34				CS76-2'	18		
2:38				CS76-3'	19		
2:46				CS76-4'	20		

Additional Instructions: Billing #21009941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kurtis Flores	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10/25/24	1615
	10/25/24	2230		10.26.24	8:00

Lab Use Only — Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/28/2024 9:42:13AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/26/24 08:00	Work Order ID:	E410325
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:08	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

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:	E410326
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410326
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 16:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS77-1'	E410326-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS77-2'	E410326-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS77-3'	E410326-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS77-4'	E410326-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS78-1'	E410326-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS78-2'	E410326-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS78-3'	E410326-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS78-4'	E410326-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS79-1'	E410326-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS79-2'	E410326-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS79-3'	E410326-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS79-4'	E410326-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS80-1'	E410326-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS80-2'	E410326-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS80-3'	E410326-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS80-4'	E410326-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS81-1'	E410326-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS81-2'	E410326-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS81-3'	E410326-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS81-4'	E410326-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 4:23:14PM

CS77-1'

E410326-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS77-2'

E410326-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS77-3'

E410326-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS77-4'

E410326-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS78-1'

E410326-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.9 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS78-2'

E410326-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS78-3'

E410326-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*94.8 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS78-4'

E410326-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS79-1'

E410326-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS79-2'

E410326-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS79-3'

E410326-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS79-4'

E410326-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS80-1'

E410326-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*95.4 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS80-2'

E410326-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*95.4 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS80-3'

E410326-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*99.2 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS80-4'

E410326-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS81-1'

E410326-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS81-2'

E410326-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*92.4 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS81-3'

E410326-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	**23.9**	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 4:23:14PM

CS81-4'

E410326-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443203
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443220
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444002
Chloride	ND	20.0	1	10/27/24	10/27/24	

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	10/29/2024 4:23:14PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443203-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			
LCS (2443203-BS1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.25	0.0250	2.50		90.0	70-130			
Ethylbenzene	2.63	0.0250	2.50		105	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.27	0.0500	5.00		105	70-130			
Total Xylenes	7.89	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
LCS Dup (2443203-BSD1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.29	0.0250	2.50		91.5	70-130	1.65	23	
Ethylbenzene	2.63	0.0250	2.50		105	70-130	0.0761	27	
Toluene	2.51	0.0250	2.50		100	70-130	0.0996	24	
o-Xylene	2.72	0.0250	2.50		109	70-130	3.47	27	
p,m-Xylene	5.46	0.0500	5.00		109	70-130	3.65	27	
Total Xylenes	8.18	0.0250	7.50		109	70-130	3.59	27	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 4:23:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443203-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			
LCS (2443203-BS2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS Dup (2443203-BSD2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130	1.09	20	
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*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:	Gio Gomez	10/29/2024 4:23:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443220-BLK1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*50-200*			
LCS (2443220-BS1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	246	25.0	250		98.4	38-132			
Surrogate: n-Nonane	*47.6*		*50.0*		*95.2*	*50-200*			
LCS Dup (2443220-BSD1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132	5.12	20	
Surrogate: n-Nonane	*46.6*		*50.0*		*93.1*	*50-200*			

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	10/29/2024 4:23:14PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444002-BLK1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	ND	20.0							
LCS (2444002-BS1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	259	20.0	250		104	90-110			
LCS Dup (2444002-BSD1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	259	20.0	250		104	90-110	0.0722	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	10/29/24 16:23

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 9 of 17

Client: Pima Environmental Services	Bill To
Project: Seaboard 1-12 CTB 1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410326 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
2:50	10/23	S		CS77-1'	1	
2:59				CS77-2'	2	
3:00				CS77-3'	3	
3:03				CS77-4'	4	
3:09				CS78-1'	5	
3:12				CS78 2'	6	
3:16				CS78-3'	7	
3:20				CS78-4'	8	
3:25				CS79-1'	9	
3:29				CS79-2'	10	

Additional Instructions: Billing #21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10/25/24	1615
	10/25/24	2230		10.26.24	8:00

Lab Use Only: Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Client: Pima Environmental Services	Bill To
Project: Sea Wolf 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410326 | Job Number 01058-0001

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
3:31	10/23	S		CS79 -3'	11	
3:38				CS79 -4'	12	
3:40				CS80 -1'	13	
3:42				CS80 - 2'	14	
3:48				CS80 - 3'	15	
3:50				CS80 - 4'	16	
3:54				CS81 -1'	17	
3:59				CS81 - 2'	18	
4:16				CS81 -3'	19	
4:18				CS81 -4'	20	

Additional Instructions: Billing # 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.25.24	1615
	10/25/24	2230		10.26.24	8:00

Lab Use Only: Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/28/2024 9:47:26AM

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:	10/26/24 08:00	Work Order ID:	E410326
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:09	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

Envirotech Analytical Laboratory

Printed: 10/28/2024 9:47:26AM

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:	10/26/24 08:00	Work Order ID:	E410326
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:09	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

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:	E410327
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410327
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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
rainaschwanz@envirotech-inc.com

Field Offices:

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Lynn Jarboe
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Office: 505-421-LABS(5227)
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ljarboe@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 15:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS82-1'	E410327-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS82-2'	E410327-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS82-3'	E410327-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS82-4'	E410327-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS83-1'	E410327-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS83-2'	E410327-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS83-3'	E410327-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS83-4'	E410327-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS84-1'	E410327-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS84-2'	E410327-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS84-3'	E410327-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS84-4'	E410327-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS85-1'	E410327-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS85-2'	E410327-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS85-3'	E410327-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS85-4'	E410327-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS86-1'	E410327-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS86-2'	E410327-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS86-3'	E410327-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS86-4'	E410327-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 3:22:02PM

CS82-1'

E410327-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*92.2 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS82-2'

E410327-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS82-3'

E410327-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS82-4'

E410327-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS83-1'

E410327-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.8 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS83-2'

E410327-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*86.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS83-3'

E410327-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*89.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS83-4'

E410327-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*89.9 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS84-1'

E410327-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS84-2'

E410327-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/28/24	
Toluene	ND	0.0250	1	10/25/24	10/28/24	
o-Xylene	ND	0.0250	1	10/25/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/28/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*10/25/24*	*10/28/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS84-3'

E410327-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS84-4'

E410327-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS85-1'

E410327-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS85-2'

E410327-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.9 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS85-3'

E410327-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS85-4'

E410327-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS86-1'

E410327-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS86-2'

E410327-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS86-3'

E410327-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:22:02PM

CS86-4'

E410327-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Benzene	ND	0.0250	1	10/25/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/25/24	10/29/24	
Toluene	ND	0.0250	1	10/25/24	10/29/24	
o-Xylene	ND	0.0250	1	10/25/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443204
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*10/25/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/25/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443221
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2444003
Chloride	ND	20.0	1	10/27/24	10/27/24	

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	10/29/2024 3:22:02PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443204-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.463*		*0.500*		*92.5*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			
LCS (2443204-BS1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.34	0.0250	2.50		93.7	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.3	70-130			
Toluene	2.46	0.0250	2.50		98.2	70-130			
o-Xylene	2.63	0.0250	2.50		105	70-130			
p,m-Xylene	5.19	0.0500	5.00		104	70-130			
Total Xylenes	7.82	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
LCS Dup (2443204-BSD1)									Prepared: 10/25/24 Analyzed: 10/28/24
Benzene	2.10	0.0250	2.50		83.8	70-130	11.1	23	
Ethylbenzene	2.22	0.0250	2.50		88.6	70-130	10.3	27	
Toluene	2.19	0.0250	2.50		87.7	70-130	11.3	24	
o-Xylene	2.33	0.0250	2.50		93.2	70-130	11.9	27	
p,m-Xylene	4.63	0.0500	5.00		92.5	70-130	11.6	27	
Total Xylenes	6.96	0.0250	7.50		92.7	70-130	11.7	27	
Surrogate: Bromofluorobenzene	*0.593*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*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:	Gio Gomez	10/29/2024 3:22:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443204-BLK1)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.463*		*0.500*		*92.5*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			
LCS (2443204-BS2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: Bromofluorobenzene	*0.598*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.568*		*0.500*		*114*	*70-130*			
LCS Dup (2443204-BSD2)									Prepared: 10/25/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.9	70-130	6.92	20	
Surrogate: Bromofluorobenzene	*0.588*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*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:	Gio Gomez	10/29/2024 3:22:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443221-BLK1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.8*		*50.0*		*102*	*50-200*			
LCS (2443221-BS1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	*51.0*		*50.0*		*102*	*50-200*			
LCS Dup (2443221-BSD1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132	0.492	20	
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			

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	10/29/2024 3:22:02PM

Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444003-BLK1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	ND	20.0							
LCS (2444003-BS1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2444003-BSD1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	251	20.0	250		101	90-110	0.0470	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	10/29/24 15:22

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 11 of 17

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: San Wolf 1-12 CTB 1	Attention: Devon	Lab WO# E410327	Job Number 10058.0057
Project Manager: Gio Gomez	Address:	1D: X	2D	3D	Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip	CWA	SDWA
City, State, Zip Hobbs, NM, 88240	Phone:	RCRA
Phone: 806-782-1151	Email:	State: NM: X
Email: gio@pimaoil.com	Pima Project # 1-2161	CO	UT	AZ	TX
Report due by:		

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM: X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
4:26	10/23	S		CS82-1'	1	
4:31				CS82-2'	2	
4:36				CS82-3'	3	
4:42				CS82-4'	4	
4:46				CS83-1'	5	
4:48				CS83-2'	6	
4:56				CS83-3'	7	
5:11				CS83-4'	8	
5:17				CS84-1'	9	
5:20				CS84-2'	10	

Additional Instructions: Billing # 21180941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kerime Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10/25/24	1615
	10/25/24	2230		10.26.24	8:00

Lab Use Only: Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: SeaWolf 1-12 CTB 1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410327 | Job Number 01058.0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
5:26	10/23	S		CS84-3'	11	
5:30				CS84-4'	12	
5:33				CS85-1'	13	
5:37				CS85-2'	14	
5:39				CS85-3'	15	
5:44				CS85-4'	16	
5:45				CS86-1'	17	
5:49				CS86-2'	18	
5:56				CS86-3'	19	
5:59				CS86-4'	20	

Additional Instructions: Billing # 2110094

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.26.24	8:00
	10.25.24	2230		10.25.24	1615

Lab Use Only — Received on ice: Y N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/28/2024 9:51:20AM

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:	10/26/24 08:00	Work Order ID:	E410327
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:10	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

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:	E410328
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410328
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 15:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS87-1'	E410328-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS87-2'	E410328-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS87-3'	E410328-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS87-4'	E410328-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS88-1'	E410328-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS88-2'	E410328-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS88-3'	E410328-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS88-4'	E410328-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS89-1'	E410328-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS89-2'	E410328-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS89-3'	E410328-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS89-4'	E410328-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS90-1'	E410328-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS90-2'	E410328-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS90-3'	E410328-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS90-4'	E410328-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS91-1'	E410328-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS91-2'	E410328-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS91-3'	E410328-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS91-4'	E410328-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 3:01:41PM

CS87-1'

E410328-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/26/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/26/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS87-2'

E410328-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/26/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/26/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS87-3'

E410328-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/26/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/26/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS87-4'

E410328-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.6 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/26/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*10/26/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS88-1'

E410328-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/26/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/26/24*	*10/26/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS88-2'

E410328-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS88-3'

E410328-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS88-4'

E410328-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS89-1'

E410328-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS89-2'

E410328-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS89-3'

E410328-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS89-4'

E410328-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS90-1'

E410328-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS90-2'

E410328-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS90-3'

E410328-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS90-4'

E410328-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*99.9 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS91-1'

E410328-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS91-2'

E410328-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS91-3'

E410328-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:01:41PM

CS91-4'

E410328-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443217
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443222
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444004
Chloride	ND	20.0	1	10/27/24	10/28/24	

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	10/29/2024 3:01:41PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443217-BLK1)									Prepared: 10/26/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.81*		*8.00*		*97.6*	*70-130*			
LCS (2443217-BS1)									Prepared: 10/26/24 Analyzed: 10/29/24
Benzene	5.44	0.0250	5.00		109	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
Toluene	5.34	0.0250	5.00		107	70-130			
o-Xylene	5.21	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			
LCS Dup (2443217-BSD1)									Prepared: 10/26/24 Analyzed: 10/28/24
Benzene	4.93	0.0250	5.00		98.6	70-130	9.84	20	
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130	9.47	20	
Toluene	4.86	0.0250	5.00		97.1	70-130	9.50	20	
o-Xylene	4.76	0.0250	5.00		95.1	70-130	9.14	20	
p,m-Xylene	9.67	0.0500	10.0		96.7	70-130	9.42	20	
Total Xylenes	14.4	0.0250	15.0		96.2	70-130	9.33	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.8*	*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:	Gio Gomez	10/29/2024 3:01:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443217-BLK1)									Prepared: 10/26/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			
LCS (2443217-BS2)									Prepared: 10/26/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	36.9	20.0	50.0		73.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.17*		*8.00*		*89.6*	*70-130*			
LCS Dup (2443217-BSD2)									Prepared: 10/26/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	40.8	20.0	50.0		81.6	70-130	10.1	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 3:01:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443222-BLK1)									Prepared: 10/26/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.5*		*50.0*		*107*	*50-200*			
LCS (2443222-BS1)									Prepared: 10/26/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	290	25.0	250		116	38-132			
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*50-200*			
LCS Dup (2443222-BSD1)									Prepared: 10/26/24 Analyzed: 10/26/24
Diesel Range Organics (C10-C28)	294	25.0	250		118	38-132	1.67	20	
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			

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	10/29/2024 3:01:41PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444004-BLK1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	ND	20.0							
LCS (2444004-BS1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2444004-BSD1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	256	20.0	250		103	90-110	0.232	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	10/29/24 15:01

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.

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 13 of 17

E410328 CM 10/26/24

Client: Pima Environmental Services
Project: Sea Wolf 1-12 CTB1
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 1-216-1

Lab Use Only: Lab WO# E31 | Job Number 01058.0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
6:00	10/23	S		CS87-1'	1	
6:03				CS87-2'	2	
6:06				CS87-3'	3	
6:09				CS87-4'	4	
6:11				CS88-1'	5	
6:17				CS88-2'	6	
6:21				CS88-3'	7	
6:25				CS88-4'	8	
6:29				CS89-1'	9	
6:30				CS89-2'	10	

Additional Instructions: Billing #21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Marine Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		102624	8:00
	10/25/24	2230		10/25/24	165

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

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

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

envirotech

Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody

Client: Pima Environmental Services	Bill To
Project: SeaWolf 1-12 CTB 1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410328 | Job Number 01058.007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
6:34	10/23	S		CS89-3'	11	
6:38				CS89-4'	12	
6:40				CS90-1'	13	
6:46				CS90-2'	14	
6:49				CS90-3'	15	
6:50				CS90-4'	16	
6:52				CS91-1'	17	
6:54				CS91-2'	18	
6:59				CS91-3'	19	
7:01				CS91-4'	20	

Additional Instructions: Billing# 21100941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kenne Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10/25/24	1615
	10/25/24	2230		10.26.24	8:00

Lab Use Only: Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 10/28/2024 9:56:02AM

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:	10/26/24 08:00	Work Order ID:	E410328
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:11	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

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:	E410329
Job Number:	01058-0007
Received:	10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/29/24

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: 10/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Wolf 1-12 CTB 1
Workorder: E410329
Date Received: 10/26/2024 8:00:41AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:41AM, 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	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/24 15:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS92-1'	E410329-01A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS92-2'	E410329-02A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS92-3'	E410329-03A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS92-4'	E410329-04A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS93-1'	E410329-05A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS93-2'	E410329-06A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS93-3'	E410329-07A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS93-4'	E410329-08A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS94-1'	E410329-09A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS94-2'	E410329-10A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS94-3'	E410329-11A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS94-4'	E410329-12A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS95-1'	E410329-13A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS95-2'	E410329-14A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS95-3'	E410329-15A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS95-4'	E410329-16A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW1 COMP	E410329-17A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW2 COMP	E410329-18A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW3 COMP	E410329-19A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW4 COMP	E410329-20A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW5 COMP	E410329-21A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW6 COMP	E410329-22A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW7 COMP	E410329-23A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW8 COMP	E410329-24A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW9 COMP	E410329-25A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW10 COMP	E410329-26A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW11 COMP	E410329-27A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CSW12 COMP	E410329-28A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS64-2'	E410329-29A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS64-3'	E410329-30A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS64-4'	E410329-31A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.
CS65-1'	E410329-32A	Soil	10/23/24	10/26/24	Glass Jar, 2 oz.

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:	Gio Gomez	10/29/2024 3:54:37PM

CS92-1'

E410329-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS92-2'

E410329-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS92-3'

E410329-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS92-4'

E410329-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS93-1'

E410329-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS93-2'

E410329-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS93-3'

E410329-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS93-4'

E410329-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/28/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/28/24	
Toluene	ND	0.0250	1	10/26/24	10/28/24	
o-Xylene	ND	0.0250	1	10/26/24	10/28/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/28/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/28/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*10/26/24*	*10/28/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS94-1'

E410329-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS94-2'

E410329-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS94-3'

E410329-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS94-4'

E410329-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*90.9 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS95-1'

E410329-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS95-2'

E410329-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS95-3'

E410329-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/28/24	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*10/26/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS95-4'

E410329-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/29/24	
Surrogate: n-Nonane		*87.2 %*	*50-200*	*10/26/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW1 COMP

E410329-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/28/24	
Surrogate: n-Nonane		*89.5 %*	*50-200*	*10/26/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW2 COMP

E410329-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/28/24	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*10/26/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW3 COMP

E410329-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/28/24	
Surrogate: n-Nonane		*85.0 %*	*50-200*	*10/26/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW4 COMP

E410329-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2443218
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443223
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/28/24	
Surrogate: n-Nonane		*83.8 %*	*50-200*	*10/26/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444005
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW5 COMP

E410329-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW6 COMP

E410329-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW7 COMP

E410329-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW8 COMP

E410329-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW9 COMP

E410329-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/27/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW10 COMP

E410329-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW11 COMP

E410329-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CSW12 COMP

E410329-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2443219
Benzene	ND	0.0250	1	10/26/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/26/24	10/29/24	
Toluene	ND	0.0250	1	10/26/24	10/29/24	
o-Xylene	ND	0.0250	1	10/26/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/26/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2443219
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/26/24	10/29/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*10/26/24*	*10/29/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*10/26/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443224
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/26/24*	*10/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS64-2'

E410329-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Benzene	ND	0.0250	1	10/29/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/29/24	10/29/24	
Toluene	ND	0.0250	1	10/29/24	10/29/24	
o-Xylene	ND	0.0250	1	10/29/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/29/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/29/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/28/24	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*10/28/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS64-3'

E410329-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Benzene	ND	0.0250	1	10/29/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/29/24	10/29/24	
Toluene	ND	0.0250	1	10/29/24	10/29/24	
o-Xylene	ND	0.0250	1	10/29/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/29/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/29/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/28/24	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*10/28/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS64-4'

E410329-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Benzene	ND	0.0250	1	10/29/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/29/24	10/29/24	
Toluene	ND	0.0250	1	10/29/24	10/29/24	
o-Xylene	ND	0.0250	1	10/29/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/29/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/29/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/28/24	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*10/28/24*	*10/28/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/28/24	

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:	Gio Gomez	10/29/2024 3:54:37PM

CS65-1'

E410329-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Benzene	ND	0.0250	1	10/29/24	10/29/24	
Ethylbenzene	ND	0.0250	1	10/29/24	10/29/24	
Toluene	ND	0.0250	1	10/29/24	10/29/24	
o-Xylene	ND	0.0250	1	10/29/24	10/29/24	
p,m-Xylene	ND	0.0500	1	10/29/24	10/29/24	
Total Xylenes	ND	0.0250	1	10/29/24	10/29/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2444038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	10/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*10/29/24*	*10/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*10/28/24*	*10/29/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444006
Chloride	ND	20.0	1	10/27/24	10/28/24	

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	10/29/2024 3:54:37PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443219-BLK1)									Prepared: 10/26/24 Analyzed: 10/29/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
LCS (2443219-BS1)									Prepared: 10/26/24 Analyzed: 10/29/24
Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.55	0.0250	2.50		102	70-130			
o-Xylene	2.66	0.0250	2.50		106	70-130			
p,m-Xylene	5.34	0.0500	5.00		107	70-130			
Total Xylenes	7.99	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	*0.593*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*70-130*			
LCS Dup (2443219-BSD1)									Prepared: 10/26/24 Analyzed: 10/29/24
Benzene	2.54	0.0250	2.50		102	70-130	0.691	23	
Ethylbenzene	2.56	0.0250	2.50		103	70-130	1.45	27	
Toluene	2.59	0.0250	2.50		104	70-130	1.79	24	
o-Xylene	2.69	0.0250	2.50		108	70-130	1.46	27	
p,m-Xylene	5.37	0.0500	5.00		107	70-130	0.617	27	
Total Xylenes	8.06	0.0250	7.50		108	70-130	0.897	27	
Surrogate: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*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:	Gio Gomez	10/29/2024 3:54:37PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443218-BLK1)									Prepared: 10/26/24 Analyzed: 10/28/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.30*		*8.00*		*91.3*	*70-130*			
LCS (2443218-BS1)									Prepared: 10/26/24 Analyzed: 10/28/24
Benzene	4.92	0.0250	5.00		98.3	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.3	70-130			
Toluene	4.82	0.0250	5.00		96.4	70-130			
o-Xylene	4.70	0.0250	5.00		94.0	70-130			
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130			
Total Xylenes	14.3	0.0250	15.0		95.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.31*		*8.00*		*91.4*	*70-130*			
LCS Dup (2443218-BSD1)									Prepared: 10/26/24 Analyzed: 10/28/24
Benzene	4.75	0.0250	5.00		95.1	70-130	3.36	20	
Ethylbenzene	4.55	0.0250	5.00		91.1	70-130	3.50	20	
Toluene	4.66	0.0250	5.00		93.1	70-130	3.49	20	
o-Xylene	4.54	0.0250	5.00		90.8	70-130	3.50	20	
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130	3.34	20	
Total Xylenes	13.8	0.0250	15.0		92.0	70-130	3.39	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.27*		*8.00*		*90.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 3:54:37PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444038-BLK1)									Prepared: 10/29/24 Analyzed: 10/29/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.16*		*8.00*		*89.5*	*70-130*			
LCS (2444038-BS1)									Prepared: 10/29/24 Analyzed: 10/29/24
Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.5	70-130			
Toluene	5.05	0.0250	5.00		101	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.99	0.0500	10.0		99.9	70-130			
Total Xylenes	14.9	0.0250	15.0		99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.22*		*8.00*		*90.2*	*70-130*			
LCS Dup (2444038-BSD1)									Prepared: 10/29/24 Analyzed: 10/29/24
Benzene	5.22	0.0250	5.00		104	70-130	1.13	20	
Ethylbenzene	4.97	0.0250	5.00		99.5	70-130	1.00	20	
Toluene	5.11	0.0250	5.00		102	70-130	1.12	20	
o-Xylene	4.96	0.0250	5.00		99.2	70-130	1.29	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	1.12	20	
Total Xylenes	15.1	0.0250	15.0		100	70-130	1.18	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.25*		*8.00*		*90.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 3:54:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443218-BLK1)									Prepared: 10/26/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			
LCS (2443218-BS2)									Prepared: 10/26/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.8*	*70-130*			
LCS Dup (2443218-BSD2)									Prepared: 10/26/24 Analyzed: 10/28/24
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.6	70-130	0.760	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*8.00*		*94.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 3:54:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443219-BLK1)									Prepared: 10/26/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
LCS (2443219-BS2)									Prepared: 10/26/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.9	70-130			
Surrogate: Bromofluorobenzene	*0.588*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.567*		*0.500*		*113*	*70-130*			
LCS Dup (2443219-BSD2)									Prepared: 10/26/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.1	70-130	3.25	20	
Surrogate: Bromofluorobenzene	*0.599*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.573*		*0.500*		*115*	*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:	Gio Gomez	10/29/2024 3:54:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444038-BLK1)									Prepared: 10/29/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.2*	*70-130*			
LCS (2444038-BS2)									Prepared: 10/29/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	42.2	20.0	50.0		84.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			
LCS Dup (2444038-BSD2)									Prepared: 10/29/24 Analyzed: 10/29/24
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0		83.8	70-130	0.695	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Wolf 1-12 CTB 1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/29/2024 3:54:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443223-BLK1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*50-200*			
LCS (2443223-BS1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
LCS Dup (2443223-BSD1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132	5.26	20	
Surrogate: n-Nonane	*50.5*		*50.0*		*101*	*50-200*			

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	10/29/2024 3:54:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2443224-BLK1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*50-200*			
LCS (2443224-BS1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	298	25.0	250		119	38-132			
Surrogate: n-Nonane	*58.0*		*50.0*		*116*	*50-200*			
LCS Dup (2443224-BSD1)									Prepared: 10/26/24 Analyzed: 10/27/24
Diesel Range Organics (C10-C28)	289	25.0	250		116	38-132	3.00	20	
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			

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	10/29/2024 3:54:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444008-BLK1)									Prepared: 10/28/24 Analyzed: 10/28/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.2*		*50.0*		*104*	*50-200*			
LCS (2444008-BS1)									Prepared: 10/28/24 Analyzed: 10/28/24
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	*50.4*		*50.0*		*101*	*50-200*			
LCS Dup (2444008-BSD1)									Prepared: 10/28/24 Analyzed: 10/28/24
Diesel Range Organics (C10-C28)	248	25.0	250		99.0	38-132	3.80	20	
Surrogate: n-Nonane	*48.3*		*50.0*		*96.6*	*50-200*			

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	10/29/2024 3:54:37PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444005-BLK1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	ND	20.0							
LCS (2444005-BS1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2444005-BSD1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	251	20.0	250		100	90-110	0.617	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	10/29/2024 3:54:37PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444006-BLK1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	ND	20.0							
LCS (2444006-BS1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	252	20.0	250		101	90-110			
LCS Dup (2444006-BSD1)									Prepared: 10/27/24 Analyzed: 10/27/24
Chloride	251	20.0	250		101	90-110	0.0449	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	10/29/24 15:54

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.

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Received by OCD: 11/21/2024 2:16:03 PM

Project Information | Chain of Custody | Page 15 of 17 (18)

Client: Pima Environmental Services	Bill To Attention: Devon	Lab Use Only: Lab WO# E410329 Job Number 01058.0007
Project: Sea Wolf Fed 12 CTB 1	Address:	TAT: 1D X, 2D, 3D, Standard
Project Manager: Gio Gomez	City, State, Zip	EPA Program: CWA, SDWA, RCRA
Address: 5614 N. Lovington Hwy.	Phone:	State: NM X, CO, UT, AZ, TX
City, State, Zip Hobbs, NM. 88240	Email:	
Phone: 806-782-1151	Pima Project # 1-216-1	
Email: gio@pimaoil.com		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
7:09	10/23	S		CS92-1'	1									X				
7:11				CS92-2'	2													
7:15				CS92-3'	3													
7:20				CS92-4'	4													
7:27				CS93-1'	5													
7:36				CS93-2'	6													
7:39				CS93-3'	7													
7:43				CS93-4'	8													
7:45				CS94-1'	9													
7:50				CS94-2'	10													

Additional Instructions: Billing # 211809 41

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

	Date	Time		Date	Time
Relinquished by: (Signature) Jaime Adame	10.25.24	1435	Received by: (Signature)	10/25/24	1435
Relinquished by: (Signature)	10.25.24	1615	Received by: (Signature)	10/25/24	1615
Relinquished by: (Signature)	10.25.24	2250	Received by: (Signature)	10.26.24	8:00

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

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Project Information

Chain of Custody

E410329 CM 10.26.24

Client: Pima Environmental Services	
Project: SAWOLF 1-12 CTB1	
Project Manager: Gio Gomez	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM. 88240	
Phone: 806-782-1151	
Email: gio@pimaoil.com	
Report due by:	

Bill To

Attention: Devon	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	1-216-1

Lab Use Only

Lab WO#	Job Number
E410329	01058.0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
7:52	10/23	S		CS94-3'	11							X		
7:59	"	"		CS94-4'	12							"		
8:00	"	"		CS95-1'	13							"		
8:03	"	"		CS95-2'	14							"		
8:11	"	"		CS95-3'	15							"		
8:12	"	"		CS95-4'	16							"		
8:17	"	"		CSW1 COMP.	17							"		
8:20	"	"		CSW2 COMP.	18							"		
8:28	"	"		CSW3 COMP.	19							"		
8:30	"	"		CSW4 COMP.	20							"		

Additional Instructions: Billing # 2110941

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kerrine Adame	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.25.24	1615
	10/25/24	2250		10.26.24	8:00

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Project Information | Chain of Custody | Page 17 of 17

E410329 cm 10.26.24

Client: Pima Environmental Services
Project: SEA WOLF 1-12 CTB1
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM. 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 1-216-1

Lab Use Only: Lab WO# E410322 | Job Number 01058.0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:33	10/23	S		CSW5 COMP.	21	X	
8:38	"	"		CSW6 COMP.	22	"	
8:40	"	"		CSW7 COMP.	23	"	
8:43	"	"		CSW8 COMP.	24	"	
8:47	"	"		CSW9 COMP.	25	"	
8:51	"	"		CSW10 COMP.	26	"	
8:58	"	"		CSW11 COMP.	27	"	
9:02	"	"		CSW12 COMP.	28	"	
					29		
					~~10~~ 30		

Additional Instructions: Billing # 21100941 CM 10/26/24

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10.25.24	1435	[signature]	10.25.24	1435
[signature]	10.25.24	1615	[signature]	10/25/24	1615
[signature]	10/25/24	2250	[signature]	10.26.24	8:00

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

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

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

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Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Ping Environmental	Company: Devon	Lab WO# E410329	Job Number 01058-0007	1D 2D 3D Std	NM CO UT TX
Project Name: Sea Wolf 1-12 CTB1	Address:				
Project Manager: Gio Gomez	City, State, Zip:				
Address:	Phone:				
City, State, Zip:	Email:				
Phone:	Miscellaneous:				
Email:					

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Remarks

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature) Nor Sorto	Date 10-26-24	Time 0800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information | Chain of Custody

E410329 cm 10.26.24

Client: Pima Environmental Services	Bill To
Project: SEA WOLF 1-12 CTB1	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-216-1
Report due by:	

Lab Use Only: Lab WO# E410322 | Job Number 01058.0007

TAT: 1D ✓ | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM ✓ | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:33	10/23	S		CSW5 COMP.	21	X	
8:38				CSW6 COMP.	22		
8:40				CSW7 COMP.	23		
8:43				CSW8 COMP.	24		
8:47				CSW9 COMP.	25		
8:51				CSW10 COMP.	26		
8:58				CSW11 COMP.	27		
9:02				CSW12 COMP.	28		
	10/23	S	1	CS64-2'	29	X	
	1	S	1	CS64-3'	~~10~~ 30	X	

Additional Instructions: Billing # 21100941 CM 10/26/24

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10.25.24	1435		10.25.24	1435
	10.25.24	1615		10.25.24	1615
	10/25/24	2250		10.26.24	8:00

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

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Released to Imaging: 11/22/2024 10:02:51 AM
Received by OCD: 11/21/2024 2:16:03 PM

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Pima Environmental	Company: Devon	Lab WO# E410329	Job Number 01058-0007	1D 2D 3D Std	NM CO UT TX
Project Name: Sea Wolf 1-12 CTB1	Address:				
Project Manager: Gio Gomez	City, State, Zip:				
Address:	Phone:				
City, State, Zip:	Email:				
Phone:	Miscellaneous: Pima: 1-126-1				
Email:					

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg			Remarks
	10/23	S	1	CS64-4'		31						X						
	1	1	1	CS65-1'		32						X						

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature) Noe Soto	Date 10-26-24	Time 0800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 10/28/2024 10:40:47AM

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:	10/26/24 08:00	Work Order ID:	E410329
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:12	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/29/24 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

No. of Containers and sampled by name is missing on COC by client. Project Sea Wolf 1-12 CTB1 has been split into multiple WOs due to high sample volume, WOs are E410322-E410329.

Client Instruction

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

Date

envirotech Inc.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405611
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2233245515**
Incident Name	**NAPP2233245515 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	11/28/2022
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	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 20 BBL | Recovered: 20 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 273 BBL | Recovered: 170 BBL | Lost: 103 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*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)	A hole in a water line near the three phase separators caused a 273 bbl produced water and 20 bbl oil spill at the location. The spill was on the pad. It did not go offsite. Wells feeding the location were shut in. As of this notice, vacuum trucks have been contacted. Recovered volumes are not available at this time.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405611
	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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	As of this notice, spills fluids have not been fully recovered. Vacuum trucks are in route to recover fluids

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/21/2024

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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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405611
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 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 that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	04/20/2023
On what date will (or did) the final sampling or liner inspection occur	10/23/2024
On what date will (or was) the remediation complete(d)	04/20/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	19812
What is the estimated volume (in cubic yards) that will be remediated	370
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405611
	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	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/21/2024
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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405611
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405611
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**393863**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/22/2024**
What was the (estimated) number of samples that were to be gathered	**392**
What was the sampling surface area in square feet	**18848**

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	19812
What was the total volume (cubic yards) remediated	370
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	0
Summarize any additional remediation activities not included by answers (above)	Devon scraped 6" from spill area to eliminate further saturation.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/21/2024

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QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 405611
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405611
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
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.	11/22/2024
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. The 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.	11/22/2024