

NAPP2303755349

| <b>Spill Volume(Bbls) Calculator</b>    |                             |
|---|-----------------------------|
| <i>Inputs in blue, Outputs in red</i>   |                             |
| <i>Contaminated Soil measurement</i>    |                             |
| Area (square feet)                      | Depth(inches)               |
| <u>1722.916</u>                         | <u>1.000</u>                |
| Cubic Feet of Soil Impacted             | <u>143.576</u>              |
| Barrels of Soil Impacted                | <u>25.59</u>                |
| Soil Type                               | Clay/Sand                   |
| Barrels of Oil Assuming 100% Saturation | <u>3.84</u>                 |
| Saturation                              | Fluid present when squeezed |
| Estimated Barrels of Oil Released       | <u>1.92</u>                 |
| <i>Free Standing Fluid Only</i>         |                             |
| Area (square feet)                      | Depth(inches)               |
| <u>1722.916</u>                         | <u>0.750</u>                |
| Standing fluid                          | <u>19.195</u>               |
| <b>Total fluids spilled</b>             | <b><u>23.034</u></b>        |



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## SEAWOLF 1-12 CTB 1

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Devon Energy

**Seawolf 1-12 CTB 1**

NAPP2303755349

Facility ID fAPP2130627287

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

SEPTEMBER 23, 2024

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

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



September 23, 2024

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

**Re: Site Assessment and Closure Report**  
**Seawolf 1-12 CTB 1**  
**API No. N/A**  
**GPS: Latitude 32.077028, Longitude -103.526702**  
**UL "C", Sec.1, T26S, R33E**  
**Lea County, NM**  
**NMOCD Ref. No. NAPP2303755349**

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

### Site Characterization

The Seawolf is located approximately twenty (20) miles west of Jal, NM. This spill site is in Unit C, Section 1, Township 26S, Range 33E, Latitude 32.077028, Longitude -103.526702, Lea County, NM. Figure 1 references a Location Map.

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

According to the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this area is greater than 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 180 feet BGS positioned 1.24 miles east of the Seawolf. The groundwater information from C-04790-POD1, which is located approximately 0.20 miles northeast of this release area, establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by Atkins Engineering Associates, Inc. on June 9, 2022. The well bore was left open for the required 72-hour time frame then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on June 13, 2022. Depth to groundwater at the Seawolf will be classified as 51-100' bgs. The closest waterway is Red Bluff Reservoir located approximately 24.29 miles to the southwest of this location. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

| Table 1 NMAC and Closure Criteria 19.15.29 |                      |             |             |          |          |
|--|----------------------|-------------|-------------|----------|----------|
| Depth to Groundwater<br>(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.

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



## Release Information

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

## Site Assessment and Soil Sampling Results

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

4/20/23 Soil Sample Results

| 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 | CI 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 results can be found in Appendix E.

## Remediation Activities

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



**Countermeasures due to Rejection: (214780)**

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

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

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

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

9-6-24 Confirmation Sample Results

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

Pima Environmental Services

5614 N Lovington Hwy  
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| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |                                |               |           |           |           |                 |          |
|--|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Sea Wolf 1-12 CTB 1   |             |                                |               |           |           |           |                 |          |
| Date: 9-6-24   |             | NM Approved Laboratory Results |               |           |           |           |                 |          |
| Sample ID  | Depth (BGS) | BTEX mg/kg                     | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| CS2  | 0'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CS3  | 0'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CS4  | 0'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CS5  | 0'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CS6  | 0'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CS7  | 0'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| CS8  | 0'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|  | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |



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

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

**Closure Request**

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

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

Pima Environmental Services

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



Respectfully,

***DelRae Geller***

DelRae Geller  
Project Manager  
Pima Environmental Services, LLC.

**Attachments**

Figures:

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

Appendices:

- Appendix A - Referenced Water Surveys
- Appendix B - Soil Survey and Geological Data
- Appendix C - 48-Hour Sampling Notification
- Appendix D- Photographic Documentation
- Appendix E - Laboratory Reports



Pima Environmental Services

**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map


5-Confirmation Sample Map




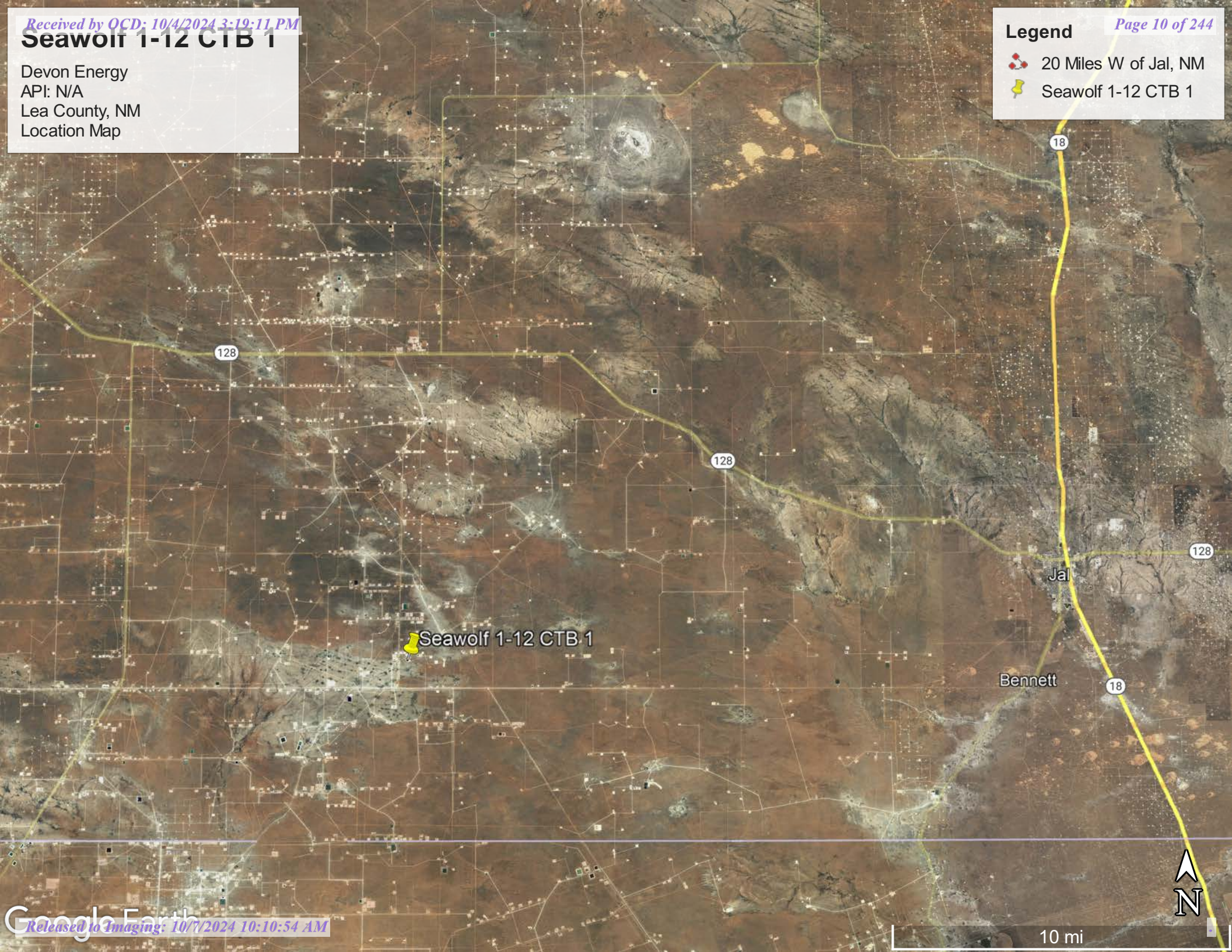
# Seawolf 1-12 CTB 1

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

Legend

 20 Miles W of Jal, NM

 Seawolf 1-12 CTB 1



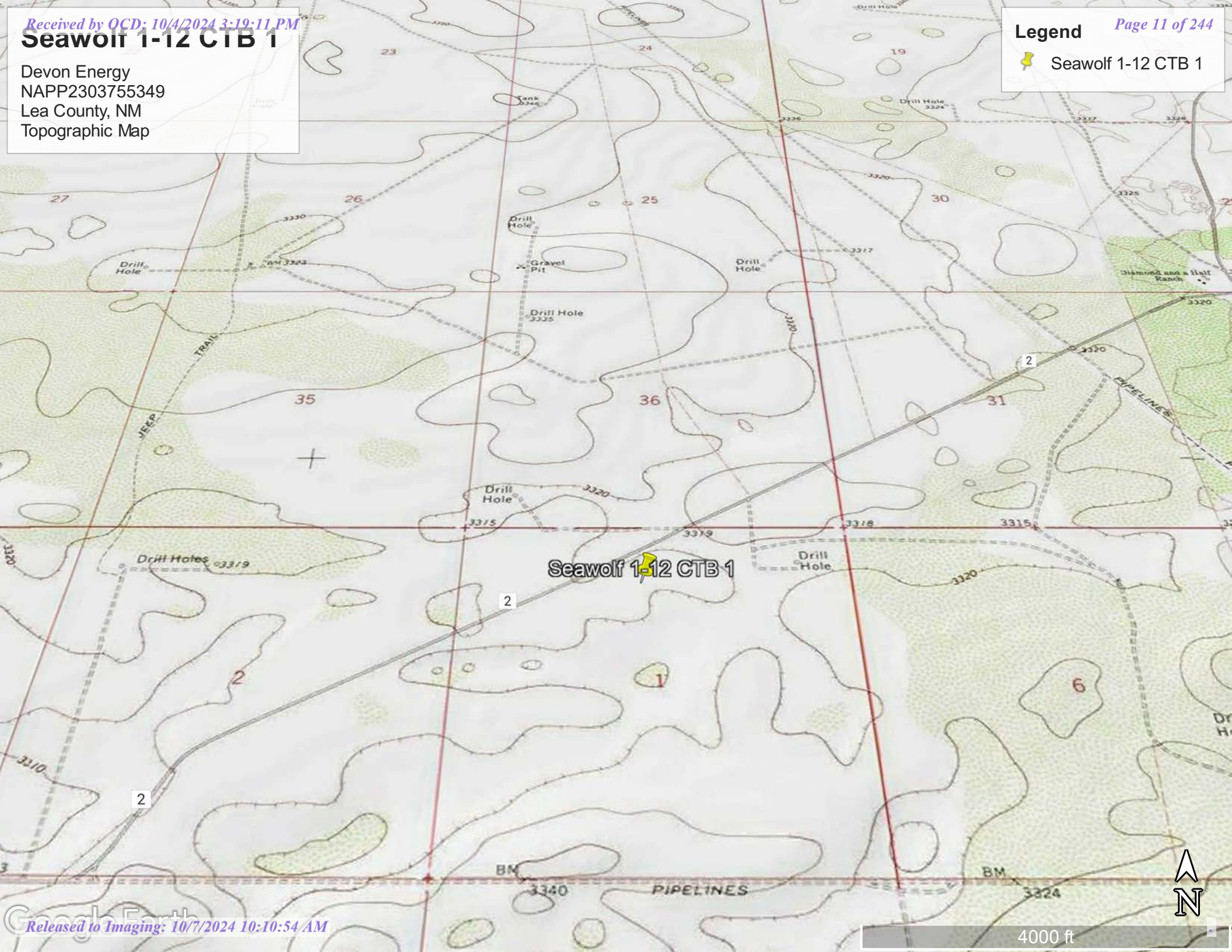


# Seawolf 1-12 CTB 1

Devon Energy  
NAPP2303755349  
Lea County, NM  
Topographic Map

## Legend

 Seawolf 1-12 CTB 1



# Seawolf 1-12 CTB1

Devon Energy  
NAPP23037755349  
Lea County, NM  
Karst Map

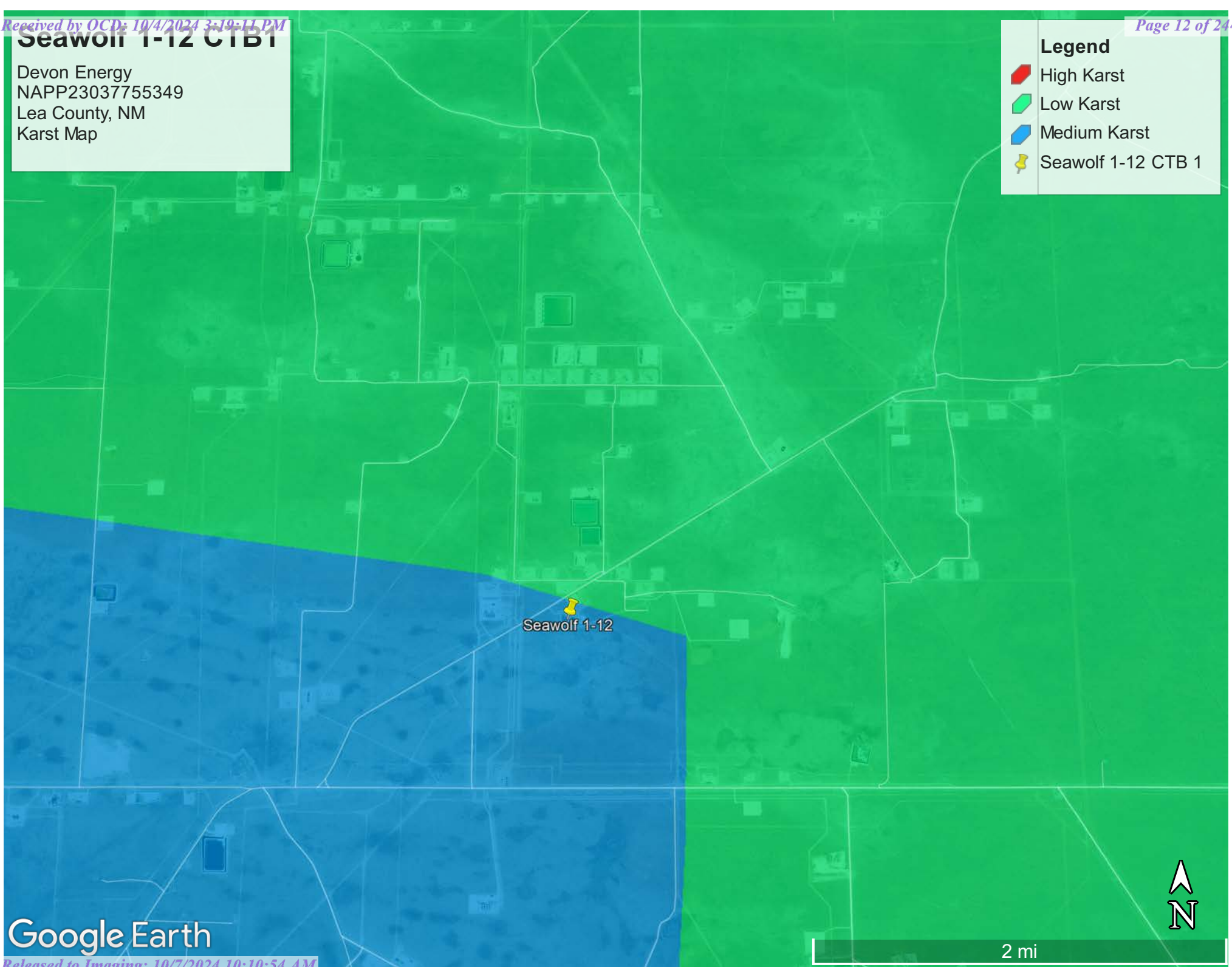
**Legend**

 High Karst

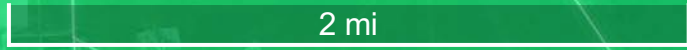
 Low Karst

 Medium Karst

 Seawolf 1-12 CTB 1



Google Earth



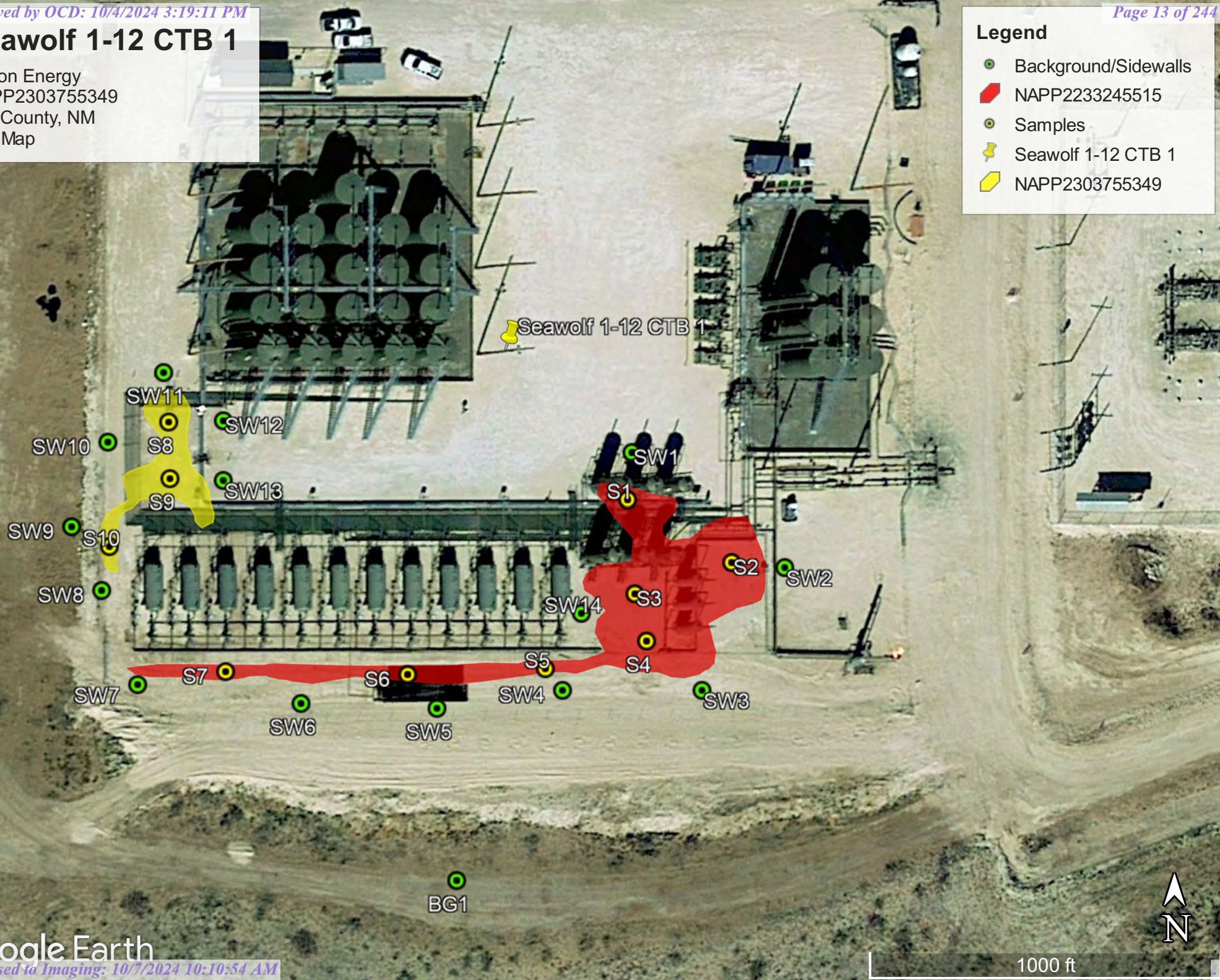


# Seawolf 1-12 CTB 1

Devon Energy  
NAPP2303755349  
Lea County, NM  
Site Map

## Legend

- Background/Sidewalls
- NAPP2233245515
- Samples
- 📌 Seawolf 1-12 CTB 1
- NAPP2303755349



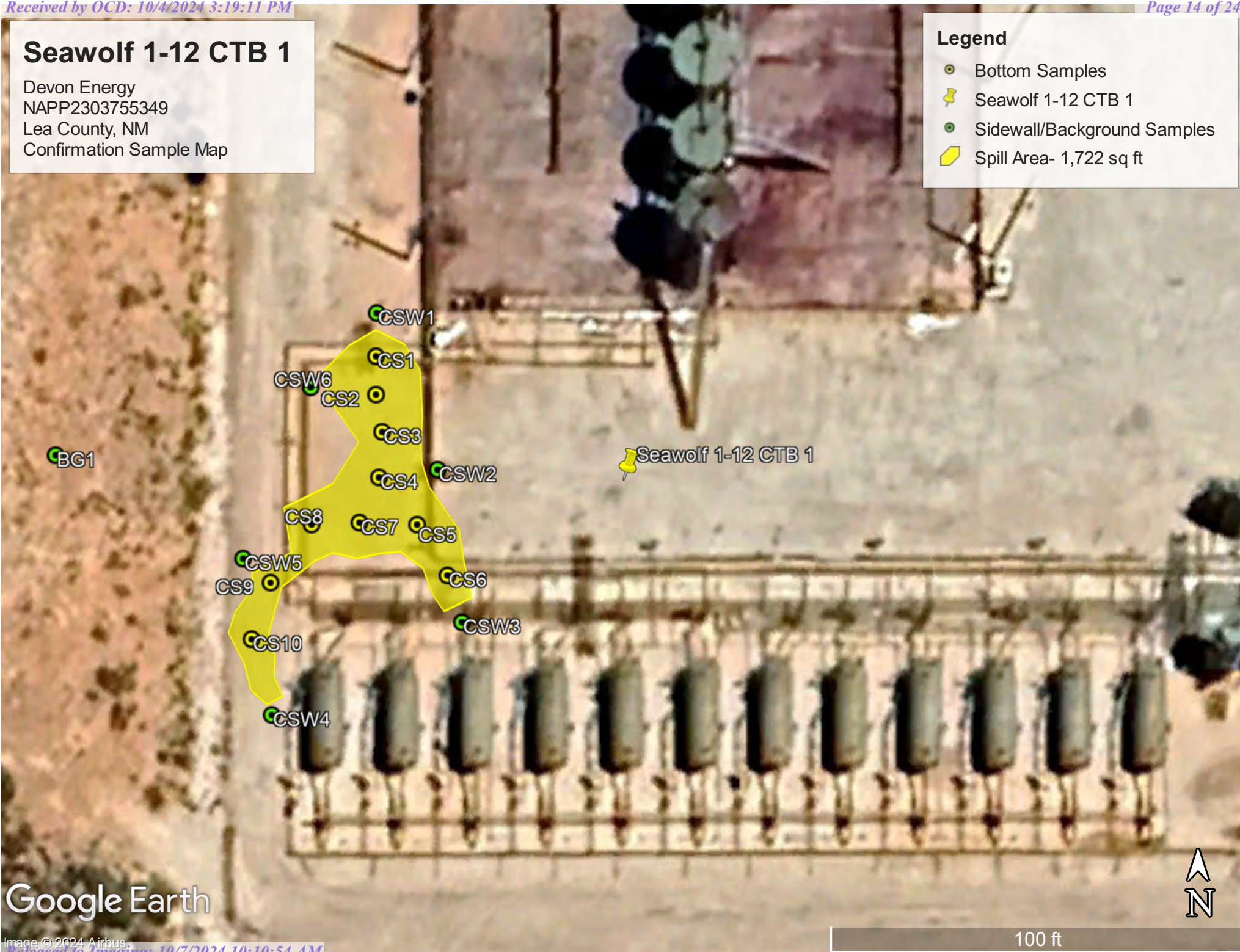


# Seawolf 1-12 CTB 1

Devon Energy  
NAPP2303755349  
Lea County, NM  
Confirmation Sample Map

## Legend

- Bottom Samples
- Seawolf 1-12 CTB 1
- Sidewall/Background Samples
- Spill Area- 1,722 sq ft





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 | Tw  | Rng | X      | Y        | Distance | DepthWell | DepthWater | Water Column |
|------------------------------|------|---------------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|
| <a href="#">C_04628 POD1</a> |      | CUB           | LE     | 1    | 1    | 2   | 01  | 26S | 33E | 639121 | 3550219  | 313      |           |            |              |
| <a href="#">C_02291</a>      |      | CUB           | LE     | 1    | 1    | 2   | 06  | 26S | 34E | 640825 | 3550140* | 1780     | 220       | 160        | 60           |
| <a href="#">C_03441 POD1</a> |      | C             | LE     | 4    | 1    | 2   | 06  | 26S | 34E | 640971 | 3550039  | 1915     | 250       |            |              |
| <a href="#">C_02292 POD1</a> |      | CUB           | LE     | 4    | 1    | 2   | 06  | 26S | 34E | 640992 | 3549987  | 1933     | 200       | 140        | 60           |
| <a href="#">C_03442 POD1</a> |      | C             | LE     | 4    | 1    | 2   | 06  | 26S | 34E | 641056 | 3550028  | 2000     | 251       |            |              |
| <a href="#">C_02295</a>      |      | CUB           | LE     | 2    | 2    | 4   | 12  | 26S | 33E | 639865 | 3547624  | 2425     | 250       | 200        | 50           |
| <a href="#">C_02285 POD1</a> |      | CUB           | LE     | 1    | 4    | 4   | 03  | 26S | 33E | 636613 | 3548855  | 2664     | 220       | 220        | 0            |
| <a href="#">C_02288</a>      |      | CUB           | LE     | 4    | 4    | 4   | 03  | 26S | 33E | 636646 | 3548758  | 2674     | 220       | 180        | 40           |
| <a href="#">C_02289</a>      |      | CUB           | LE     | 4    | 4    | 4   | 03  | 26S | 33E | 636612 | 3548675* | 2742     | 200       | 160        | 40           |
| <a href="#">C_02290</a>      |      | CUB           | LE     | 4    | 4    | 4   | 03  | 26S | 33E | 636538 | 3548770  | 2767     | 200       | 160        | 40           |
| <a href="#">C_02286</a>      |      | CUB           | LE     | 3    | 4    | 4   | 03  | 26S | 33E | 636470 | 3548714  | 2853     | 220       | 175        | 45           |
| <a href="#">C_02287</a>      |      | C             | LE     | 3    | 4    | 4   | 03  | 26S | 33E | 636427 | 3548708  | 2894     | 220       |            |              |
| <a href="#">C_02313</a>      |      | CUB           | LE     | 2    | 3    | 3   | 26  | 25S | 33E | 636971 | 3552098* | 3022     | 150       | 110        | 40           |
| <a href="#">C_02294</a>      |      | CUB           | LE     | 4    | 4    | 3   | 11  | 26S | 33E | 637465 | 3547003  | 3317     | 200       | 145        | 55           |
| <a href="#">C_02293</a>      |      | CUB           | LE     | 2    | 2    | 1   | 14  | 26S | 33E | 637501 | 3546975  | 3325     | 200       | 135        | 65           |
| <a href="#">C_02316</a>      |      | CUB           | LE     | 3    | 4    | 3   | 29  | 25S | 34E | 642003 | 3551967* | 3590     | 100       | 50         | 50           |
| <a href="#">C_02317</a>      |      | CUB           | LE     | 3    | 4    | 3   | 29  | 25S | 34E | 642003 | 3551967* | 3590     | 100       | 50         | 50           |
| <a href="#">C_04626 POD1</a> |      | CUB           | LE     | 4    | 2    | 1   | 18  | 26S | 34E | 640644 | 3546672  | 3606     |           |            |              |

Average Depth to Water: **145 feet**

Minimum Depth: **50 feet**

Maximum Depth: **220 feet**

**Record Count:** 18

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 639059.12

**Northing (Y):** 3549912.32

**Radius:** 5000

\*UTM location was derived from PLSS - see Help

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


12/1/22 10:34 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

|                                     |                   |                                    |            |                                |               |                       |            |                         |   |
|-------------------------------------|-------------------|------------------------------------|------------|--------------------------------|---------------|-----------------------|------------|-------------------------|---|
|                                     |                   | (quarters are 1=NW 2=NE 3=SW 4=SE) |            |                                |               |                       |            |                         |   |
|                                     |                   | (quarters are smallest to largest) |            |                                |               | (NAD83 UTM in meters) |            |                         |   |
| <b>Well Tag</b>                     | <b>POD Number</b> | <b>Q64</b>                         | <b>Q16</b> | <b>Q4</b>                      | <b>Sec</b>    | <b>Tws</b>            | <b>Rng</b> | <b>X</b>                | <b>Y</b>  |
| NA                                  | C 04628 POD1      | 1                                  | 1          | 2                              | 01            | 26S                   | 33E        | 639121                  | 3550219  |
| <hr/>                               |                   |                                    |            |                                |               |                       |            |                         |   |
| <b>Driller License:</b> 1249        |                   | <b>Driller Company:</b>            |            | ATKINS ENGINEERING ASSOC. INC. |               |                       |            |                         |   |
| <b>Driller Name:</b> JACKIE ATKINS  |                   |                                    |            |                                |               |                       |            |                         |   |
| <b>Drill Start Date:</b> 06/09/2022 |                   | <b>Drill Finish Date:</b>          |            | 06/09/2022                     |               | <b>Plug Date:</b>     |            |                         |   |
| <b>Log File Date:</b> 06/16/2022    |                   | <b>PCW Rev Date:</b>               |            |                                |               |                       |            | <b>Source:</b>          |   |
| <b>Pump Type:</b>                   |                   | <b>Pipe Discharge Size:</b>        |            |                                |               |                       |            | <b>Estimated Yield:</b> |   |
| <b>Casing Size:</b>                 |                   | <b>Depth Well:</b>                 |            |                                |               |                       |            | <b>Depth Water:</b>     |   |
| <hr/>                               |                   |                                    |            |                                |               |                       |            |                         |   |
|                                     |                   | <b>Casing Perforations:</b>        |            | <b>Top</b>                     | <b>Bottom</b> |                       |            |                         |   |
|                                     |                   |                                    |            | 0                              | 55            |                       |            |                         |   |
| <hr/>                               |                   |                                    |            |                                |               |                       |            |                         |   |

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

5/3/23 2:21 PM

POINT OF DIVERSION SUMMARY





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

|  |   |                            |  |  |  |  |                                |                    |
|--|---|----------------------------|--|--|--|--|--------------------------------|--------------------|
| 1. GENERAL AND WELL LOCATION   | OSE POD NO. (WELL NO.)<br>POD 1 (TW-1)  |                            | WELL TAG ID NO.<br>N/A                         |  | OSE FILE NO(S).<br>C-4628                        |  |                                |                    |
|  | WELL OWNER NAME(S)<br>Devon Energy  |                            |  |  | PHONE (OPTIONAL)<br>575-748-1838                 |  |                                |                    |
|  | WELL OWNER MAILING ADDRESS<br>6488 7 Rivers Hwy   |                            |  |  | CITY<br>Artesia                                  | STATE<br>NM  | ZIP<br>88210                   |                    |
|  | WELL LOCATION (FROM GPS)  | DEGREES<br>LATITUDE<br>32  | MINUTES<br>4                                   | SECONDS<br>46.64   | N  | * ACCURACY REQUIRED: ONE TENTH OF A SECOND                           |                                |                    |
|  |   | LONGITUDE<br>103           | 31   | 34.28  | W  | * DATUM REQUIRED: WGS 84   |                                |                    |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE<br>NW NW NE Sec.1 T26S R33S NMPM |   |                            |  |  |  |  |                                |                    |
| 2. DRILLING & CASING INFORMATION   | LICENSE NO.<br>1249   |                            | NAME OF LICENSED DRILLER<br>Jackie D. Atkins   |  |  | NAME OF WELL DRILLING COMPANY<br>Atkins Engineering Associates, Inc. |                                |                    |
|  | DRILLING STARTED<br>6/9/2022  | DRILLING ENDED<br>6/9/2022 | DEPTH OF COMPLETED WELL (FT)<br>Temporary Well |  | BORE HOLE DEPTH (FT)<br>±55                      | DEPTH WATER FIRST ENCOUNTERED (FT)<br>N/A                            |                                |                    |
|  | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)   |                            |  |  | STATIC WATER LEVEL IN COMPLETED WELL (FT)<br>N/A | DATE STATIC MEASURED<br>6/13/2022                                    |                                |                    |
|  | DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:  |                            |  |  |  |  |                                |                    |
|  | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger |                            |  |  |  | CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>  |                                |                    |
|  | DEPTH (feet bgl)  |                            | 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) |
|  | FROM  | TO                         |  |  |  |  |                                |                    |
|  | 0   | 55                         | ±6.5   | Boring-HSA   | --   | --   | --                             | --                 |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
| 3. ANNULAR MATERIAL  | DEPTH (feet bgl)  |                            | BORE HOLE DIAM. (inches)                       | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL                      | AMOUNT (cubic feet)                              | METHOD OF PLACEMENT  |                                |                    |
|  | FROM  | TO                         |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |
|  |   |                            |  |  |  |  |                                |                    |

OSE DJI JUN 16 2022 PM 3:11

FOR OSE INTERNAL USE

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

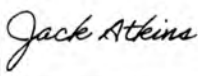
|          |                 |             |
|----------|-----------------|-------------|
| FILE NO. | POD NO.         | TRN NO.     |
| LOCATION | WELL TAG ID NO. | PAGE 1 OF 2 |

| 4. HYDROGEOLOGIC LOG OF WELL  | DEPTH (feet bgl) |    | THICKNESS<br>(feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED -<br>INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES<br>(attach supplemental sheets to fully describe all units) | WATER<br>BEARING?<br>(YES / NO)                      | ESTIMATED<br>YIELD FOR<br>WATER-<br>BEARING<br>ZONES (gpm) |
|---|------------------|----|---------------------|--|--|--|
|   | FROM             | TO |                     |  |  |  |
|   | 0                | 4  | 4                   | Sand, Fine-grained, poorly graded, unconsolidated 7.5 YR 5/4, Brown  | Y    ✓ N   |  |
|   | 4                | 14 | 10                  | Sand, Fine-grained, poorly graded, semi-consolidated 7.5 YR 5/4, Brown   | Y    ✓ N   |  |
|   | 14               | 19 | 5                   | Limestone, consolidated 10 YR 7/4, Pale Brown  | Y    ✓ N   |  |
|   | 19               | 55 | 36                  | Sand, Fine-grained, poorly graded, 7.5 YR 6/8, Reddish Yellow  | Y    ✓ N   |  |
|   |                  |    |                     |  | Y    N   |  |
|   |                  |    |                     |  | Y    N   |  |
|   |                  |    |                     |  | Y    N   |  |
|   |                  |    |                     |  | Y    N   |  |
|   |                  |    |                     |  | Y    N   |  |
|   |                  |    |                     |  | Y    N   |  |
|   |                  |    |                     |  | 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:<br><input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: |                  |    |                     |  | TOTAL ESTIMATED<br>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.<br>27<br>Seawolf 1-12 CTB 1 |   |
|                          | PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:<br>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: |                   |
|              | <br>Jackie D. Atkins<br>SIGNATURE OF DRILLER / PRINT SIGNEE NAME   | 6/16/2022<br>DATE |

FOR OSE INTERNAL USE

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

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

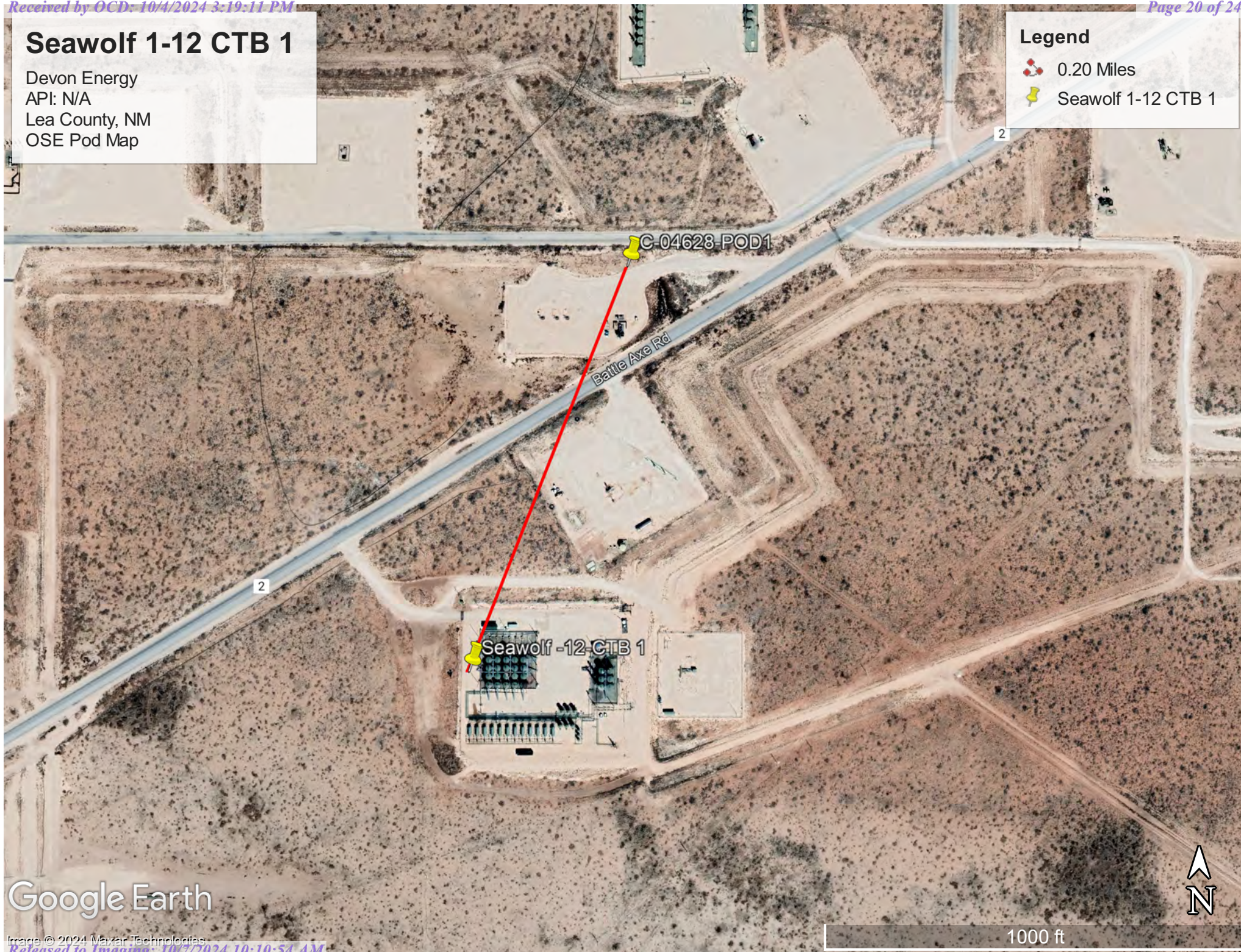


# Seawolf 1-12 CTB 1

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

## Legend

- 0.20 Miles
- Seawolf 1-12 CTB 1







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

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 320419103302201

Minimum number of levels = 1

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

### USGS 320419103302201 26S.34E.06.21414

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

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

Land-surface elevation 3,319.00 feet above NGVD29

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

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

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

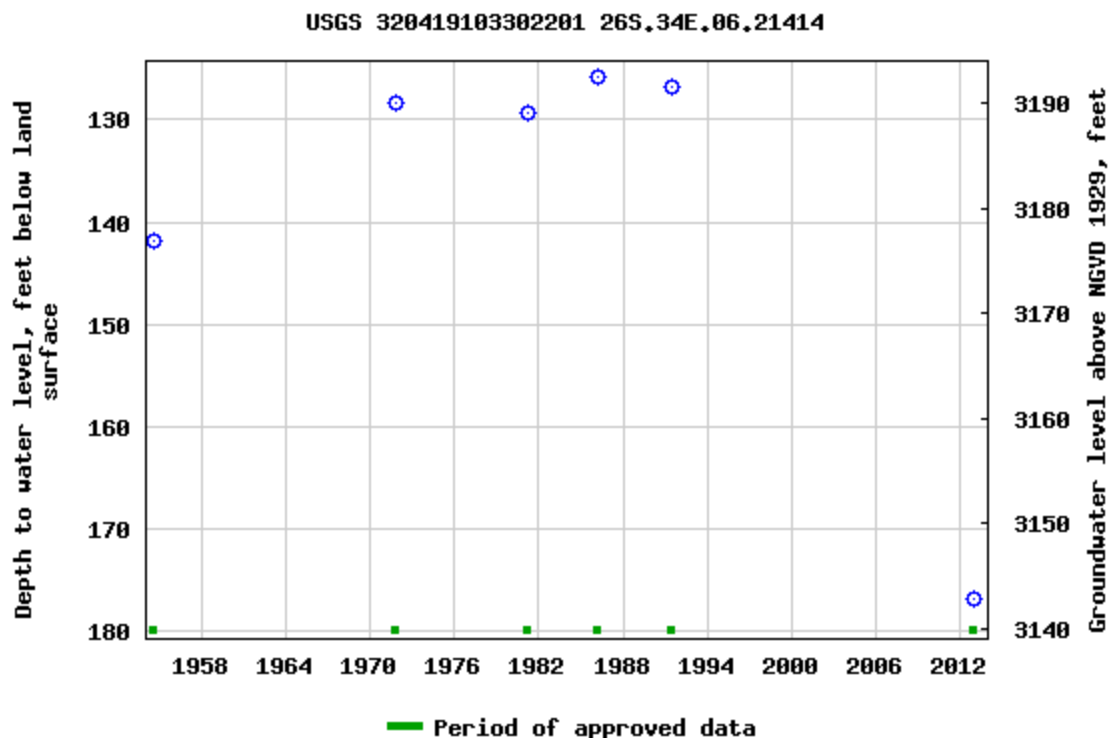
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.  
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**Title: Groundwater for USA: Water Levels**

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



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

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

0.56 0.49 nadww01

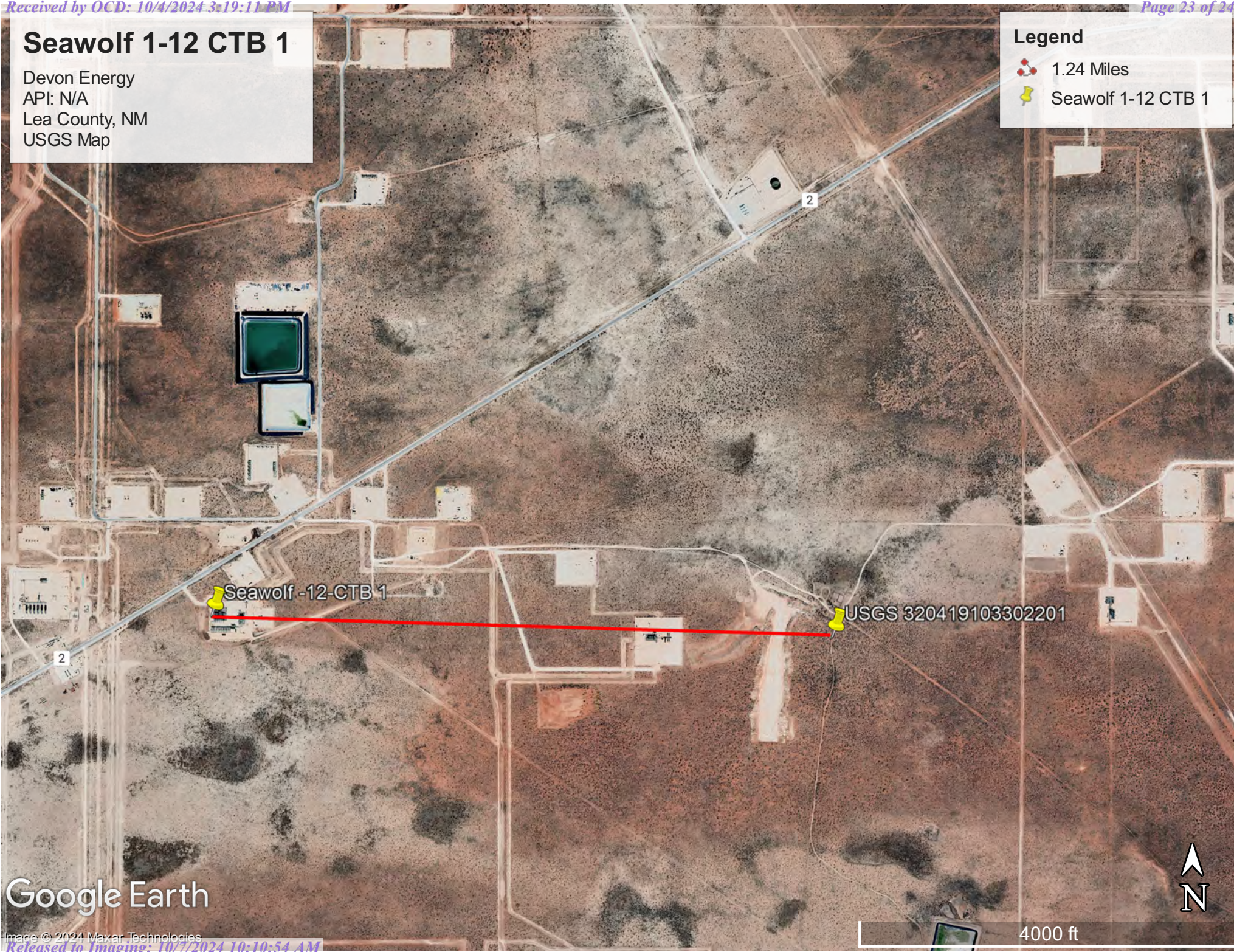


# Seawolf 1-12 CTB 1

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

## Legend

- 1.24 Miles
- Seawolf 1-12 CTB 1





Google Earth

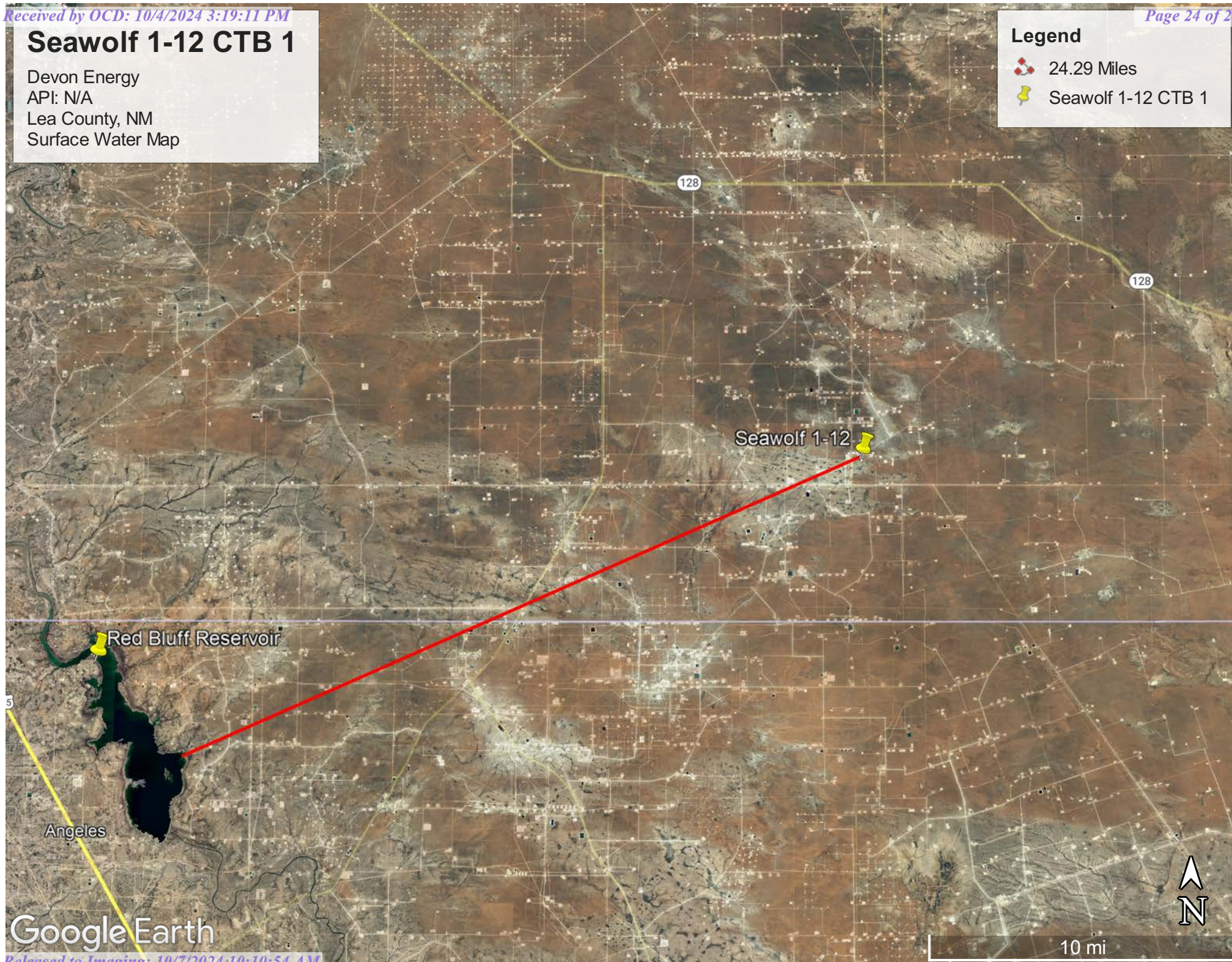


# Seawolf 1-12 CTB 1

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

## Legend

-  24.29 Miles
-  Seawolf 1-12 CTB 1







Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

---

## Lea County, New Mexico

### SR—Simona-Upton association

#### Map Unit Setting

*National map unit symbol:* dmr3

*Elevation:* 3,000 to 4,400 feet

*Mean annual precipitation:* 10 to 16 inches

*Mean annual air temperature:* 58 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Simona and similar soils:* 50 percent

*Upton and similar soils:* 35 percent

*Minor components:* 15 percent

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

#### Description of Simona

##### Setting

*Landform:* Ridges

*Landform position (two-dimensional):* Shoulder

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Calcareous eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 8 inches:* gravelly fine sandy loam

*Bk - 8 to 16 inches:* fine sandy loam

*Bkm - 16 to 26 inches:* cemented material

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 7 to 20 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 50 percent

*Gypsum, maximum content:* 1 percent

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

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Very low (about 1.9 inches)

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

---

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7s

*Hydrologic Soil Group:* D

*Ecological site:* R070BD002NM - Shallow Sandy

*Hydric soil rating:* No

**Description of Upton****Setting**

*Landform:* Ridges

*Landform position (two-dimensional):* Shoulder

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Calcareous eolian deposits derived from sedimentary rock

**Typical profile**

*A - 0 to 8 inches:* gravelly loam

*Bkm - 8 to 18 inches:* cemented material

*Bck - 18 to 60 inches:* very gravelly loam

**Properties and qualities**

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 7 to 20 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* Medium

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 75 percent

*Gypsum, maximum content:* 1 percent

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

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Very low (about 0.9 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 7s

*Hydrologic Soil Group:* D

*Ecological site:* R070BC025NM - Shallow

*Hydric soil rating:* No

**Minor Components****Kimbrough**

*Percent of map unit:* 6 percent

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

*Hydric soil rating:* No

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

---

**Stegall**

*Percent of map unit:* 5 percent

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

*Hydric soil rating:* No

**Slaughter**

*Percent of map unit:* 4 percent

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

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022



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

---

## Lea County, New Mexico

### PU—Pyote and Maljamar fine sands

#### Map Unit Setting

*National map unit symbol:* dmqq

*Elevation:* 3,000 to 3,900 feet

*Mean annual precipitation:* 10 to 12 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Pyote and similar soils:* 46 percent

*Maljamar and similar soils:* 44 percent

*Minor components:* 10 percent

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

#### Description of Pyote

##### Setting

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 30 inches:* fine sand

*Bt - 30 to 60 inches:* fine sandy loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Negligible

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 5 percent

*Gypsum, maximum content:* 1 percent

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

*Sodium adsorption ratio, maximum:* 2.0

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

##### Interpretive groups

*Land capability classification (irrigated):* 6e

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

---

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

## Description of Maljamar

### Setting

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

### Typical profile

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

### Properties and qualities

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: 40 to 60 inches to petrocalcic*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 5 percent*  
*Gypsum, maximum content: 1 percent*  
*Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 2.0*  
*Available water supply, 0 to 60 inches: Low (about 5.6 inches)*

### Interpretive groups

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

## Minor Components

### Kermit

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

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

---

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022

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



Natural Resources  
Conservation Service


Web Soil Survey  
National Cooperative Soil Survey

9/23/2024  
Page 1 of 3


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


## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

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

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

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

Map Unit Legend

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



# National Flood Hazard Layer FIRMette



103°31'55"W 32°4'52"N



## Legend

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

|                             |  |  |
|-----------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS  |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                             |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>   |
|                             |  | 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 <i>Zone X</i> |
|                             |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                             |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                             |  | Area with Flood Risk due to Levee <i>Zone D</i>  |
| OTHER AREAS                 |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                             |  | Effective LOMRs  |
|                             |  | Area of Undetermined Flood Hazard <i>Zone D</i>  |
| GENERAL STRUCTURES          |  | Channel, Culvert, or Storm Sewer   |
|                             |  | Levee, Dike, or Floodwall  |
| OTHER FEATURES              |  | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation  |
|                             |  | 17.5   |
|                             |  | Coastal Transect   |
|                             |  | Base Flood Elevation Line (BFE)  |
|                             |  | Limit of Study   |
|                             |  | Jurisdiction Boundary  |
|                             |  | Coastal Transect Baseline  |
| MAP PANELS                  |  | Digital Data Available   |
|                             |  | No Digital Data Available  |
|                             |  | Unmapped   |



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

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

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

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





## Wetlands Map



December 1, 2022

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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





Pima Environmental Services

## **Appendix C**

### **48-Hour Sampling Notification**



Delrae Pima Oil &lt;delrae@pimaoil.com&gt;

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

1 message

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

Wed, Sep 4, 2024 at 8:23 AM

To: Tom Pima Oil &lt;tom@pimaoil.com&gt;, Delrae Pima Oil &lt;delrae@pimaoil.com&gt;, Gio PimaOil &lt;gio@pimaoil.com&gt;, Lynsey Pima Oil &lt;lynsey@pimaoil.com&gt;

Dale Woodall

**Environmental Professional****Hobbs, NM****Office:** 575-748-1838**Mobile:** 405-318-4697[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>**Sent:** Wednesday, September 4, 2024 8:23 AM**To:** Woodall, Dale <[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 380359

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

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

The sampling event is expected to take place:

**When:** 09/06/2024 @ 10:00**Where:** C-01-26S-33E 910 FNL 2435 FEL (32.07693371,-103.5266281)**Additional Information:** Andrew Franco (806) 200-0054**Additional Instructions:** 32.077028, -103.526702

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

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

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

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

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





Pima Environmental Services

## **Appendix D**

Photographic Documentation

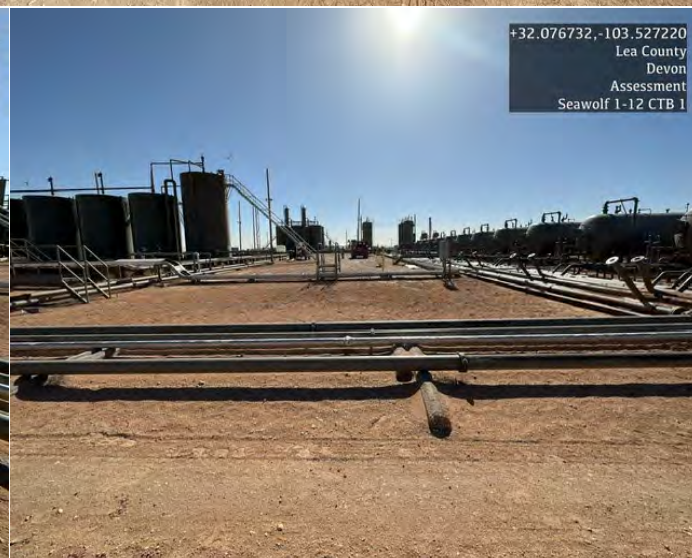
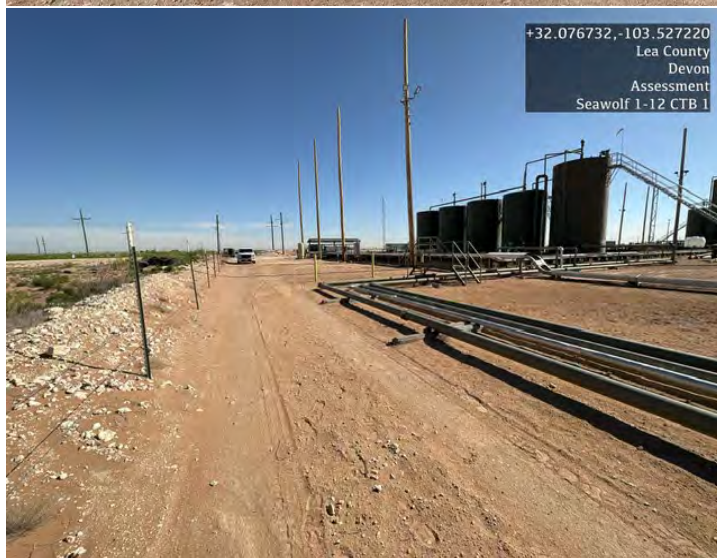
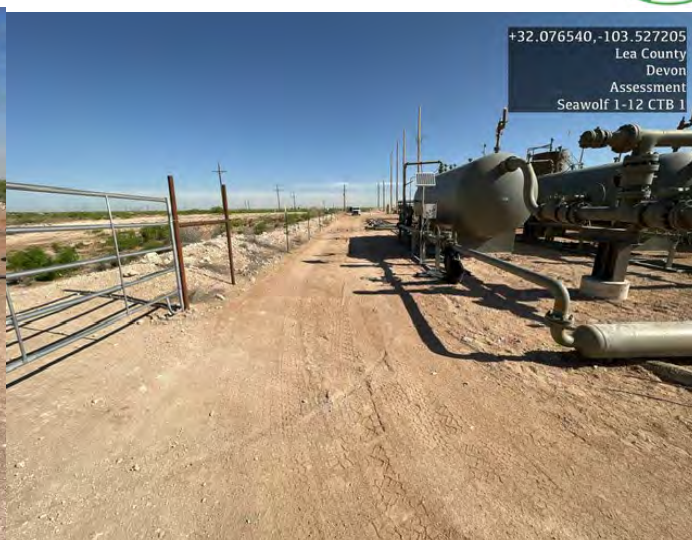


**SITE PHOTOGRAPHS  
DEVON ENERGY  
SEAWOLF 1-12 CTB**

**Site Assessment**









## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sea Wolf 1-12 CTB 1

### Site Assessment:



Photo of site assessment, taken post scraping

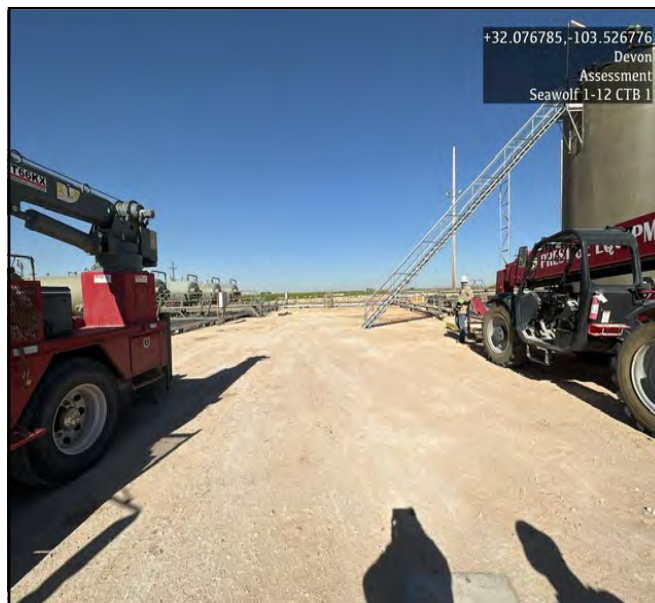


Photo of site assessment, taken post scraping.



Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping





Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping



Photo of site assessment, taken post scraping

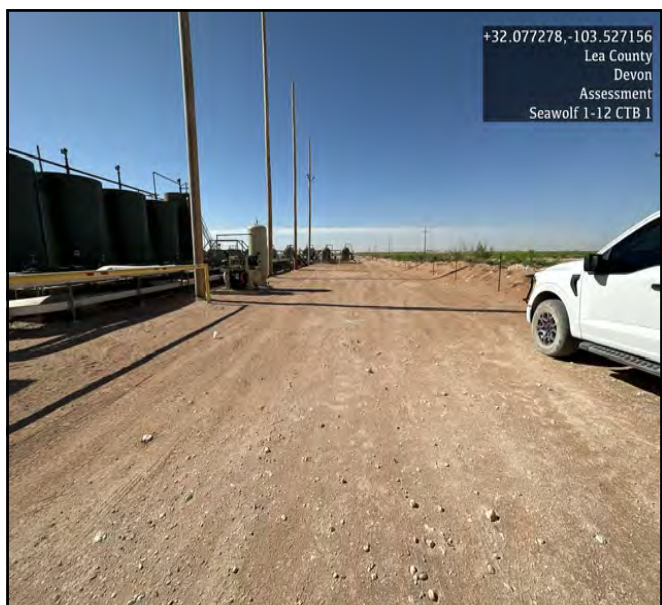


Photo of site assessment, taken post scraping





Pima Environmental Services

## **Appendix E**

Laboratory Reports

Report to:  
Tom Bynum



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/28/23

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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

|                   |    |
|-------------------|----|
| Title Page        | 1  |
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| S1 - 1'           | 6  |
| S2 - 1'           | 7  |
| S3 - 1'           | 8  |
| S4 - 1'           | 9  |
| S5 - 1'           | 10 |
| S6 - 1'           | 11 |
| S7 - 1'           | 12 |
| S8 - 1'           | 13 |
| S9 - 1'           | 14 |
| S10 - 1'          | 15 |
| S1 - 2'           | 16 |
| S2 - 2'           | 17 |
| S3 - 2'           | 18 |
| S4 - 2'           | 19 |
| S5 - 2'           | 20 |
| S6 - 2'           | 21 |
| S7 - 2'           | 22 |
| S8 - 2'           | 23 |
| S9 - 2'           | 24 |
| S10 - 2'          | 25 |

Table of Contents (continued)

|   |    |
|---|----|
| QC Summary Data                                     | 26 |
| QC - Volatile Organic Compounds by EPA 8260B        | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc.                               | 31 |

## 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S1 - 1'

E304121-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S2 - 1'

E304121-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S3 - 1'

E304121-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S4 - 1'

E304121-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S5 - 1'

E304121-05

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S6 - 1'

E304121-06

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S7 - 1'

E304121-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S8 - 1'

E304121-08

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | Reported:<br>4/28/2023 4:00:52PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                  |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                  |

S9 - 1'

E304121-09

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

## S10 - 1'

## E304121-10

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S1 - 2'

E304121-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | Reported:<br>4/28/2023 4:00:52PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                  |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                  |

S2 - 2'

E304121-12

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | Reported:<br>4/28/2023 4:00:52PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                  |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                  |

S3 - 2'

E304121-13

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Sea Wolf 1-12 CTB 1<br>Project Number: 01058-0007<br>Project Manager: Tom Bynum | Reported:<br>4/28/2023 4:00:52PM |
|---|---|----------------------------------|

S4 -2'

E304121-14

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S5 - 2'

E304121-15

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Sea Wolf 1-12 CTB 1<br>Project Number: 01058-0007<br>Project Manager: Tom Bynum | Reported:<br>4/28/2023 4:00:52PM |
|---|---|----------------------------------|

S6 - 2'

E304121-16

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S7 - 2'

E304121-17

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | Reported:<br>4/28/2023 4:00:52PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                  |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                  |

S8 - 2'

E304121-18

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S9 - 2'

E304121-19

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:00:52PM

S10 - 2'

E304121-20

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2317030 |
| Chloride  | 659    | 20.0            | 1        | 04/25/23    | 04/27/23 |                |



|                                      |                  |                     |                     |
|--------------------------------------|------------------|---------------------|---------------------|
| 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:<br><br>4/28/2023 4:00:52PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                      |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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:<br><br>4/28/2023 4:00:52PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                      |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| 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.



## Project Information

## Chain of Custody

Page 1 of 6

01058-0007

|   |  |                        |  |                        |  |                              |  |    |             |    |          |      |      |
|---|--|------------------------|--|------------------------|--|------------------------------|--|----|-------------|----|----------|------|------|
| Client: Pima Environmental Services<br>Project: <u>Sea Wolf 1-12 CTB1</u><br>Project Manager: Tom Bynum<br>Address: 5614 N. Lovington Hwy.<br>City, State, Zip: Hobbs, NM, 88240<br>Phone: 580-748-1613<br>Email: tom@pimaoil.com<br>Report due by: |  | Bill To                |  | Lab Use Only           |  | TAT                          |  |    | EPA Program |    |          |      |      |
|   |  | Attention: <u>Pima</u> |  | Lab WO# <u>E304121</u> |  | Job Number <u>21014-0001</u> |  | 1D | 2D          | 3D | Standard | CWA  | SDWA |
|   |  | Address:               |  | Analysis and Method    |  |                              |  |    |             |    |          | RCRA |      |
|   |  | City, State, Zip       |  |                        |  |                              |  |    |             |    |          |      |      |
| Phone:  |  |                        |  |                        |  |                              |  |    |             |    |          |      |      |
| Email:  |  |                        |  |                        |  |                              |  |    |             |    |          |      |      |
| Pima Project # <u>216</u>   |  |                        |  |                        |  |                              |  |    |             |    |          |      |      |

| 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 |
|--------------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
| 8:00 <sup>am</sup> | 4/20/23      | Soil   | 1                 | S1-1'     | 1          |                 |                 |              |             |             |                | X        |          |         |
| 8:05 <sup>am</sup> |              |        |                   | S2-1'     | 2          |                 |                 |              |             |             |                |          |          |         |
| 8:10 <sup>am</sup> |              |        |                   | S3-1'     | 3          |                 |                 |              |             |             |                |          |          |         |
| 8:15 <sup>am</sup> |              |        |                   | S4-1'     | 4          |                 |                 |              |             |             |                |          |          |         |
| 8:20 <sup>am</sup> |              |        |                   | S5-1'     | 5          |                 |                 |              |             |             |                |          |          |         |
| 8:25 <sup>am</sup> |              |        |                   | S6-1'     | 6          |                 |                 |              |             |             |                |          |          |         |
| 8:30 <sup>am</sup> |              |        |                   | S7-1'     | 7          |                 |                 |              |             |             |                |          |          |         |
| 8:35 <sup>am</sup> |              |        |                   | S8-1'     | 8          |                 |                 |              |             |             |                |          |          |         |
| 8:40 <sup>am</sup> |              |        |                   | S9-1'     | 9          |                 |                 |              |             |             |                |          |          |         |
| 8:45 <sup>am</sup> |              |        |                   | 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:

|   |                        |                     |   |                        |                     |   |
|---|------------------------|---------------------|---|------------------------|---------------------|---|
| Relinquished by: (Signature)<br><u>Karime Adams</u>     | Date<br><u>4/21/23</u> | Time<br><u>1600</u> | Received by: (Signature)<br><u>Michelle Gungels</u> | Date<br><u>4-21-23</u> | Time<br><u>1600</u> | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.<br><br>Lab Use Only<br>Received on ice: <u>Y</u> / N<br><br>T1: _____ T2: _____ T3: _____<br><br>AVG Temp °C <u>4</u> |
| Relinquished by: (Signature)<br><u>Michelle Gungels</u> | Date<br><u>4-21-23</u> | Time<br><u>1830</u> | Received by: (Signature)<br><u>Andrew Russo</u>     | Date<br><u>4/21/23</u> | Time<br><u>1930</u> |   |
| Relinquished by: (Signature)<br><u>Andrew Russo</u>     | Date<br><u>4/21/23</u> | Time<br><u>0000</u> | Received by: (Signature)<br><u>Andrew Russo</u>     | Date<br><u>4-22-23</u> | Time<br><u>8:30</u> |   |

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

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

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





Project Information

Chain of Custody

Client: Pima Environmental Services  
Project: Sea Wolf 1-12 CTBI  
Project Manager: Tom Bynum  
Address: 56 14 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# E304121  
Job Number 21604-0001  
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

TAT  
1D 2D 3D Standard  
X  
EPA Program  
CWA SDWA  
RCRA  
State  
NM CO UT AZ TX  
Remarks

| Time Sampled       | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number |
|--------------------|--------------|--------|-------------------|-----------|------------|
| 8:50 <sup>am</sup> | 4/20/23      | Soil   | 1                 | S1-2'     | 11         |
| 8:55 <sup>am</sup> |              |        |                   | S2-2'     | 12         |
| 9:00 <sup>am</sup> |              |        |                   | S3-2'     | 13         |
| 9:05 <sup>am</sup> |              |        |                   | S4-2'     | 14         |
| 9:10 <sup>am</sup> |              |        |                   | S5-2'     | 15         |
| 9:15 <sup>am</sup> |              |        |                   | S6-2'     | 16         |
| 9:20 <sup>am</sup> |              |        |                   | S7-2'     | 17         |
| 9:25 <sup>am</sup> |              |        |                   | S8-2'     | 18         |
| 9:30 <sup>am</sup> |              |        |                   | S9-2'     | 19         |
| 9:35 <sup>am</sup> |              |        |                   | 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.  
Relinquished by: (Signature) Karime Agame Date 4/21/23 Time  
Relinquished by: (Signature) Michelle Cangel Date 4-21-23 Time 1830  
Relinquished by: (Signature) Andrew Musso Date 4/21/23 Time 0000  
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.  
Received on ice: Y/N  
T1 T2 T3  
AVG Temp °C 4  
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA





## 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/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.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/28/23

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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 5  |
| Sample Data   | 6  |
| SW-1  | 6  |
| SW-2  | 7  |
| SW-3  | 8  |
| SW-4  | 9  |
| SW-5  | 10 |
| SW-6  | 11 |
| SW-7  | 12 |
| SW-8  | 13 |
| SW-9  | 14 |
| SW-10   | 15 |
| SW-11   | 16 |
| SW-12   | 17 |
| SW-13   | 18 |
| SW-14   | 19 |
| BG-1  | 20 |
| QC Summary Data                                     | 21 |
| QC - Volatile Organics by EPA 8021B                 | 21 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 22 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 23 |
| QC - Anions by EPA 300.0/9056A                      | 24 |



Table of Contents (continued)

|                       |    |
|-----------------------|----|
| Definitions and Notes | 25 |
| Chain of Custody etc. | 26 |

Sample Summary

|                                      |                  |                     |                                 |
|--------------------------------------|------------------|---------------------|---------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Sea Wolf 1-12 CTB 1 | Reported:<br><br>04/28/23 15:34 |
| PO Box 247                           | Project Number:  | 01058-0007          |                                 |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                 |

| 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-1

## E304123-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 89.2 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2316081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/22/23    | 04/28/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 94.0 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 89.2 % | 50-200          |          | 04/25/23    | 04/27/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-2

## E304123-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 90.2 % | 70-130          |          | 04/22/23    | 04/27/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2316081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/22/23    | 04/27/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 91.3 % | 70-130          |          | 04/22/23    | 04/27/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 88.2 % | 50-200          |          | 04/25/23    | 04/27/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-3

## E304123-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 89.3 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2316081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/22/23    | 04/28/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 95.1 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 86.3 % | 50-200          |          | 04/25/23    | 04/27/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-4

## E304123-04

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | 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       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 89.3 % | 70-130          |             | 04/22/23 | 04/28/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2316081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/22/23 | 04/28/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 96.2 % | 70-130          |             | 04/22/23 | 04/28/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | 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       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 87.5 % | 50-200          |             | 04/25/23 | 04/27/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-5

## E304123-05

| Analyte   | Result | Reporting<br>Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|--------------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                    |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                    |          |             |          |                |
|   | 89.8 % | 70-130             |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                    |          |             |          |                |
|   | mg/kg  | mg/kg              |          | Analyst: IY |          | Batch: 2316081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0               | 1        | 04/22/23    | 04/28/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                    |          |             |          |                |
|   | 92.1 % | 70-130             |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                    |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                    |          |             |          |                |
|   | 95.3 % | 50-200             |          | 04/25/23    | 04/27/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                    |          |             |          |                |
|   | 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 | <b>Reported:</b><br>4/28/2023 3:34:50PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

SW-6

E304123-06

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | 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 | <b>Reported:</b><br>4/28/2023 3:34:50PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

SW-7

E304123-07

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | 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 | <b>Reported:</b><br>4/28/2023 3:34:50PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

SW-8

E304123-08

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-9

## E304123-09

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | 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       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 89.8 % | 70-130          |             | 04/22/23 | 04/28/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2316081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/22/23 | 04/28/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 95.4 % | 70-130          |             | 04/22/23 | 04/28/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | 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       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 91.9 % | 50-200          |             | 04/25/23 | 04/27/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-10

## E304123-10

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | 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       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 89.2 % | 70-130          |             | 04/22/23 | 04/28/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2316081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/22/23 | 04/28/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 93.8 % | 70-130          |             | 04/22/23 | 04/28/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | 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       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 84.4 % | 50-200          |             | 04/25/23 | 04/27/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | 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 | <b>Reported:</b><br>4/28/2023 3:34:50PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

SW-11

E304123-11

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | 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 | <b>Reported:</b><br>4/28/2023 3:34:50PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

SW-12

E304123-12

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## SW-13

## E304123-13

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 88.8 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2316081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/22/23    | 04/28/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 92.7 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 95.4 % | 50-200          |          | 04/25/23    | 04/27/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Sea Wolf 1-12 CTB 1<br>Project Number: 01058-0007<br>Project Manager: Tom Bynum | Reported:<br>4/28/2023 3:34:50PM |
|---|---|----------------------------------|

SW-14  
E304123-14

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 3:34:50PM

## BG-1

## E304123-15

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 88.9 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2316081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/22/23    | 04/28/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 95.5 % | 70-130          |          | 04/22/23    | 04/28/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 87.0 % | 50-200          |          | 04/25/23    | 04/27/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| 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.



## Project Information

## Chain of Custody

Page 5 of 6

01058-0007

|   |  |  |  |  |   |                 |              |             |             |                     |  |                  |          |       |         |    |          |             |      |
|---|--|--|--|--|---|-----------------|--------------|-------------|-------------|---------------------|--|------------------|----------|-------|---------|----|----------|-------------|------|
| Client: Pima Environmental Services<br>Project: <u>Sea Wolf 7-12 CT 131</u><br>Project Manager: Tom Bynum<br>Address: 5614 N. Lovington Hwy.<br>City, State, Zip: Hobbs, NM, 88240<br>Phone: 580-748-1613<br>Email: tom@pimaoil.com<br>Report due by: |  |  |  |  | Bill To<br>Attention: <u>Pima</u><br>Address:<br>City, State, Zip:<br>Phone:<br>Email:<br>Pima Project # <u>216</u> |                 |              |             |             | Lab Use Only        |  |                  |          | TAT   |         |    |          | EPA Program |      |
|   |  |  |  |  |   |                 |              |             |             | Lab WO#             |  | Job Number       |          | 1D    | 2D      | 3D | Standard | CWA         | SDWA |
|   |  |  |  |  |   |                 |              |             |             | <u>E304123</u>      |  | <u>216040001</u> |          |       |         |    | <u>Y</u> |             |      |
|   |  |  |  |  |   |                 |              |             |             | Analysis and Method |  |                  |          |       |         |    |          |             |      |
|   |  |  |  |  | DRO/ORO by 8015   | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0      |  | BGDOC NM         | BGDOC TX | State |         |    |          |             |      |
|   |  |  |  |  |   |                 |              |             |             |                     |  |                  |          | NM    | CO      | UT | AZ       | TX          |      |
|   |  |  |  |  |   |                 |              |             |             |                     |  |                  |          |       | Remarks |    |          |             |      |

| Time Sampled        | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number |
|---------------------|--------------|--------|-------------------|-----------|------------|
| 11:25 <sup>am</sup> | 4/20/23      | Soil   | 1                 | SW-1      | 1          |
| 11:30 <sup>am</sup> |              |        |                   | SW-2      | 2          |
| 11:35 <sup>am</sup> |              |        |                   | SW-3      | 3          |
| 11:40 <sup>am</sup> |              |        |                   | SW-4      | 4          |
| 11:45 <sup>am</sup> |              |        |                   | SW-5      | 5          |
| 11:50 <sup>am</sup> |              |        |                   | SW-6      | 6          |
| 11:55 <sup>am</sup> |              |        |                   | SW-7      | 7          |
| 12:00 <sup>pm</sup> |              |        |                   | SW-8      | 8          |
| 12:05 <sup>pm</sup> |              |        |                   | SW-9      | 9          |
| 12:10 <sup>pm</sup> |              |        |                   | SW-10     | 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:

|   |                        |                     |   |                        |                     |
|---|------------------------|---------------------|---|------------------------|---------------------|
| Relinquished by: (Signature)<br><u>Karime Adame</u>     | Date<br><u>4/21/23</u> | Time<br><u>1400</u> | Received by: (Signature)<br><u>Michelle Gungles</u> | Date<br><u>4/21/23</u> | Time<br><u>1400</u> |
| Relinquished by: (Signature)<br><u>Michelle Gungles</u> | Date<br><u>4/21/23</u> | Time<br><u>1830</u> | Received by: (Signature)<br><u>Andrew Musso</u>     | Date<br><u>4/21/23</u> | Time<br><u>1830</u> |
| Relinquished by: (Signature)<br><u>Andrew Musso</u>     | Date<br><u>4/21/23</u> | Time<br><u>0000</u> | Received by: (Signature)<br><u>Andrew Musso</u>     | Date<br><u>4/22/23</u> | Time<br><u>8:30</u> |

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

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

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## Project Information

## Chain of Custody

Page 6 of 6

Client: Pima Environmental Services  
 Project: Sea Wolf 1-12 CTBI  
 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

D1058-0007

| Lab Use Only        |                  |              |             | TAT         |                |          |          | EPA Program |    |
|---------------------|------------------|--------------|-------------|-------------|----------------|----------|----------|-------------|----|
| Lab WO#             | Job Number       | 1D           | 2D          | 3D          | Standard       | CWA      | SDWA     |             |    |
| <u>E304123</u>      | <u>210610001</u> |              |             |             | <u>X</u>       |          |          |             |    |
| Analysis and Method |                  |              |             |             |                |          |          |             |    |
| DRO/ORO by 8015     | GRO/DRO by 8015  | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX |             |    |
|                     |                  |              |             |             |                | <u>X</u> |          |             |    |
|                     |                  |              |             |             |                |          |          | State       |    |
|                     |                  |              |             |             |                |          |          | NM          | CO |
|                     |                  |              |             |             |                |          |          |             |    |
|                     |                  |              |             |             |                |          |          | UT          | AZ |
|                     |                  |              |             |             |                |          |          |             |    |
|                     |                  |              |             |             |                |          |          | TX          |    |
|                     |                  |              |             |             |                |          |          |             |    |
| Remarks             |                  |              |             |             |                |          |          |             |    |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID                    | Lab Number |
|--------------|--------------|--------|-------------------|------------------------------|------------|
| 12:15 PM     | 4/20/23      | Soil   | 1                 | SW-11                        | 11         |
| 12:28 PM     |              |        | 1                 | SW-12                        | 12         |
| 12:25 PM     |              |        | 1                 | SW-13                        | 13         |
| 12:30 PM     |              |        | 1                 | SW-14                        | 14         |
| 12:35 PM     |              |        | 1                 | <del>SW-15</del> <u>BG-1</u> | 15         |
|              |              |        |                   |                              |            |
|              |              |        |                   |                              |            |
|              |              |        |                   |                              |            |
|              |              |        |                   |                              |            |
|              |              |        |                   |                              |            |
|              |              |        |                   |                              |            |
|              |              |        |                   |                              |            |
|              |              |        |                   |                              |            |

## 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        | Lab Use Only                  |
|------------------------------|----------------|-------------|--------------------------|----------------|-------------|-------------------------------|
| <u>Karine Adams</u>          | <u>4/21/23</u> |             | <u>Michelle Cuyler</u>   | <u>4/21/23</u> | <u>1600</u> | Received on ice: <u>(Y)</u> N |
| <u>Michelle Cuyler</u>       | <u>4/21/23</u> | <u>1830</u> | <u>Andrew Musso</u>      | <u>4/21/23</u> | <u>1830</u> | T1 _____ T2 _____ T3 _____    |
| <u>Andrew Musso</u>          | <u>4/21/23</u> | <u>0000</u> | <u>Ally</u>              | <u>4/22/23</u> | <u>8:30</u> | AVG Temp °C <u>4</u>          |

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

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

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



## 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/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.

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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



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*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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/28/23

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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|                   |    |
|-------------------|----|
| Title Page        | 1  |
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| S1 - 3'           | 6  |
| S2 - 3'           | 7  |
| S3 - 3'           | 8  |
| S4 - 3'           | 9  |
| S5 - 3'           | 10 |
| S6 - 3'           | 11 |
| S7 - 3'           | 12 |
| S8 - 3'           | 13 |
| S9 - 3'           | 14 |
| S10 - 3'          | 15 |
| S1 - 4'           | 16 |
| S2 - 4'           | 17 |
| S3 - 4'           | 18 |
| S4 - 4'           | 19 |
| S5 - 4'           | 20 |
| S6 - 4'           | 21 |
| S7 - 4'           | 22 |
| S8 - 4'           | 23 |
| S9 - 4'           | 24 |
| S10 - 4'          | 25 |

Table of Contents (continued)

|   |    |
|---|----|
| QC Summary Data                                     | 26 |
| QC - Volatile Organic Compounds by EPA 8260B        | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc.                               | 31 |



## 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S1 - 3'

E304122-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S2 - 3'

E304122-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S3 - 3'

E304122-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S4 - 3'

E304122-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | <b>Reported:</b><br>4/28/2023 4:56:29PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

S5 - 3'

E304122-05

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Sea Wolf 1-12 CTB 1<br>Project Number: 01058-0007<br>Project Manager: Tom Bynum | Reported:<br>4/28/2023 4:56:29PM |
|---|---|----------------------------------|

S6 - 3'

E304122-06

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S7 - 3'

E304122-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | <b>Reported:</b><br>4/28/2023 4:56:29PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

S8 - 3'

E304122-08

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S9 - 3'

E304122-09

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S10 - 3'

E304122-10

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Sea Wolf 1-12 CTB 1<br>Project Number: 01058-0007<br>Project Manager: Tom Bynum | Reported:<br>4/28/2023 4:56:29PM |
|---|---|----------------------------------|

S1 - 4'

E304122-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | <b>Reported:</b><br>4/28/2023 4:56:29PM |
| PO Box 247                           | Project Number:  | 01058-0007          |   |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |   |

S2 - 4'

E304122-12

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S3 - 4'

E304122-13

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | Reported:<br>4/28/2023 4:56:29PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                  |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                  |

S4 - 4'

E304122-14

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S5 - 4'

E304122-15

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S6 - 4'

E304122-16

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S7 - 4'

E304122-17

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S8 - 4'

E304122-18

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/28/2023 4:56:29PM

S9 - 4'

E304122-19

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | 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 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | 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 | Reported:<br>4/28/2023 4:56:29PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                  |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                  |

S10 - 4'

E304122-20

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | 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       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | 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:<br><br>4/28/2023 4:56:29PM |
| PO Box 247                           | Project Number:  | 01058-0007          |                                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum           |                                      |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

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<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| 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.



## Project Information

## Chain of Custody

Page 3 of 6

01058-0007

|                                     |              |        |                   |           |                           |                 |                        |              |                            |             |                |          |             |          |             |      |
|-------------------------------------|--------------|--------|-------------------|-----------|---------------------------|-----------------|------------------------|--------------|----------------------------|-------------|----------------|----------|-------------|----------|-------------|------|
| Client: Pima Environmental Services |              |        |                   |           | Bill To                   |                 | Lab Use Only           |              | TAT                        |             |                |          | EPA Program |          |             |      |
| Project: <u>Seawolf 1-12 CTB1</u>   |              |        |                   |           | Attention: <u>Pima</u>    |                 | Lab WO# <u>E304122</u> |              | Job Number <u>21064001</u> |             | 1D             | 2D       | 3D          | Standard | CWA         | SDWA |
| Project Manager: Tom Bynum          |              |        |                   |           | Address:                  |                 | Analysis and Method    |              |                            |             |                |          |             |          |             |      |
| Address: 5614 N. Lovington Hwy.     |              |        |                   |           | City, State, Zip          |                 | DRO/ORO by 8015        |              | GRO/DRO by 8015            |             | BTEX by 8021   |          | VOC by 8260 |          | Metals 6010 |      |
| City, State, Zip: Hobbs, NM, 88240  |              |        |                   |           | Phone:                    |                 | Chloride 300.0         |              |                            |             |                |          |             |          |             |      |
| Phone: 580-748-1613                 |              |        |                   |           | Email:                    |                 |                        |              |                            |             |                |          |             |          |             |      |
| Email: tom@pimaoil.com              |              |        |                   |           | Pima Project # <u>216</u> |                 |                        |              |                            |             |                |          |             |          |             |      |
| Report due by:                      |              |        |                   |           |                           |                 |                        |              |                            |             |                |          |             |          |             |      |
| Time Sampled                        | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                | DRO/ORO by 8015 | GRO/DRO by 8015        | BTEX by 8021 | VOC by 8260                | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX    | Remarks  |             |      |
| 9:40                                | 4/20/23      | Soil   | 1                 | S1-3'     | 1                         |                 |                        |              |                            |             |                | X        |             |          |             |      |
| 9:45                                |              |        |                   | S2-3'     | 2                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 9:50                                |              |        |                   | S3-3'     | 3                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 9:55                                |              |        |                   | S4-3'     | 4                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 10:00                               |              |        |                   | S5-3'     | 5                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 10:05                               |              |        |                   | S6-3'     | 6                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 10:10                               |              |        |                   | S7-3'     | 7                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 10:15                               |              |        |                   | S8-3'     | 8                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 10:20                               |              |        |                   | S9-3'     | 9                         |                 |                        |              |                            |             |                |          |             |          |             |      |
| 10:25                               |              |        |                   | 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.   |  |                |             |                          |  | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. |             |                             |  |  |  |
| Relinquished by: (Signature)  |  | Date           | Time        | Received by: (Signature) |  | Date  | Time        | Lab Use Only                |  |  |  |
| <u>Karime Adams</u>   |  | <u>4/21/23</u> |             | <u>Michelle Gungah</u>   |  | <u>4-21-23</u>  | <u>1600</u> | Received on ice: <u>Y</u> N |  |  |  |
| Relinquished by: (Signature)  |  | Date           | Time        | Received by: (Signature) |  | Date  | Time        | T1 T2 T3                    |  |  |  |
| <u>Michelle Gungah</u>  |  | <u>4-21-23</u> | <u>1830</u> | <u>Andrew Musso</u>      |  | <u>4/21/23</u>  | <u>1830</u> |                             |  |  |  |
| Relinquished by: (Signature)  |  | Date           | Time        | Received by: (Signature) |  | Date  | Time        | AVG Temp °C                 |  |  |  |
| <u>Andrew Musso</u>   |  | <u>4/21/23</u> | <u>6000</u> | <u>Andrew Musso</u>      |  | <u>4-22-23</u>  | <u>8:30</u> | <u>4</u>                    |  |  |  |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  |  |                |             |                          |  | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  |             |                             |  |  |  |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |  |                |             |                          |  |   |             |                             |  |  |  |

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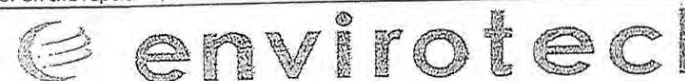
## Project Information

## Chain of Custody

Page 4 of 6

D1058-0007

|   |              |         |                   |  |            |                 |                 |   |             |   |                |          |             |         |      |  |
|---|--------------|---------|-------------------|--|------------|-----------------|-----------------|---|-------------|---|----------------|----------|-------------|---------|------|--|
| Client: Pima Environmental Services<br>Project: <u>Sca Wolf F-12 CTBI</u><br>Project Manager: Tom Bynum<br>Address: 5614 N. Lovington Hwy.<br>City, State, Zip: Hobbs, NM, 88240<br>Phone: 580-748-1613<br>Email: tom@pimaoil.com<br>Report due by:   |              |         |                   | Bill To: Pima<br>Attention: Pima<br>Address:<br>City, State, Zip:<br>Phone:<br>Email:<br>Pima Project # <u>216</u> |            |                 |                 | Lab Use Only                                |             | TAT   |                |          | EPA Program |         |      |  |
|   |              |         |                   |  |            |                 |                 | Lab WO#                                     | Job Number  | 1D  | 2D             | 3D       | Standard    | CWA     | SDWA |  |
|   |              |         |                   |  |            |                 |                 | 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 |      |  |
| 10:30   | 4/20/23      | Soil    | 1                 | S1-4   | 11         |                 |                 |   |             |   |                | X        |             |         |      |  |
| 10:35   |              |         |                   | S2-4   | 12         |                 |                 |   |             |   |                |          |             |         |      |  |
| 10:40   |              |         |                   | S3-4   | 13         |                 |                 |   |             |   |                |          |             |         |      |  |
| 10:45   |              |         |                   | S4-4   | 14         |                 |                 |   |             |   |                |          |             |         |      |  |
| 10:50   |              |         |                   | S5-4   | 15         |                 |                 |   |             |   |                |          |             |         |      |  |
| 11:00   |              |         |                   | S6-4   | 16         |                 |                 |   |             |   |                |          |             |         |      |  |
| 11:05   |              |         |                   | S7-4   | 17         |                 |                 |   |             |   |                |          |             |         |      |  |
| 11:10   |              |         |                   | S8-4   | 18         |                 |                 |   |             |   |                |          |             |         |      |  |
| 11:15   |              |         |                   | S9-4   | 19         |                 |                 |   |             |   |                |          |             |         |      |  |
| 11:20   |              |         |                   | S10-4  | 20         |                 |                 |   |             |   |                |          |             |         |      |  |
| Additional Instructions: <u>Billing # 21125189</u>  |              |         |                   |  |            |                 |                 |   |             |   |                |          |             |         |      |  |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.   |              |         |                   |  |            |                 |                 |   |             | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. |                |          |             |         |      |  |
| Relinquished by: (Signature)  |              | Date    | Time              | Received by: (Signature)   |            | Date            | Time            | Lab Use Only<br>Received on ice: <u>Y</u> N |             |   |                |          |             |         |      |  |
| Karime Adame  |              | 4/21/23 |                   | Michelle Gonzales  |            | 4-21-23         | 1600            |   |             |   |                |          |             |         |      |  |
| Relinquished by: (Signature)  |              | Date    | Time              | Received by: (Signature)   |            | Date            | Time            | T1: T2: T3:<br>AVG Temp °C <u>4</u>         |             |   |                |          |             |         |      |  |
| Michelle Gonzales   |              | 4-21-23 | 1830              | Andrew Nass  |            | 4/21/23         | 1830            |   |             |   |                |          |             |         |      |  |
| Relinquished by: (Signature)  |              | Date    | Time              | Received by: (Signature)   |            | Date            | Time            |   |             |   |                |          |             |         |      |  |
| Andrew Nass   |              | 4/21/23 | 0000              | Andrew Nass  |            | 4-22-23         | 8:30            |   |             |   |                |          |             |         |      |  |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  |              |         |                   |  |            |                 |                 |   |             |   |                |          |             |         |      |  |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |         |                   |  |            |                 |                 |   |             |   |                |          |             |         |      |  |



## 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/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.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Gio Gomez



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*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E409061

Job Number: 01058-0007

Received: 9/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/10/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/10/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Sea Wolf 1-12 CTB 1  
Workorder: E409061  
Date Received: 9/10/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2024 6:00:00AM, under the Project Name: Sea Wolf 1-12 CTB 1.

The analytical test results summarized in this report with the Project Name: Sea Wolf 1-12 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
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Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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Office: 505-421-LABS(5227)  
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[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|                   |    |
|-------------------|----|
| Title Page        | 1  |
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS1 - 0'          | 6  |
| CS1 - 1'          | 7  |
| CS1 - 2'          | 8  |
| CS1 - 3'          | 9  |
| CS1 - 4'          | 10 |
| CS2 - 0'          | 11 |
| CS2 - 1'          | 12 |
| CS2 - 2'          | 13 |
| CS2 - 3'          | 14 |
| CS2 - 4'          | 15 |
| CS3 - 0'          | 16 |
| CS3 - 1'          | 17 |
| CS3 - 2'          | 18 |
| CS3 - 3'          | 19 |
| CS3 - 4'          | 20 |
| CS4 - 0'          | 21 |
| CS4 - 1'          | 22 |
| CS4 - 2'          | 23 |
| CS4 - 3'          | 24 |
| CS4 - 4'          | 25 |

Table of Contents (continued)

|   |    |
|---|----|
| QC Summary Data                                     | 26 |
| QC - Volatile Organic Compounds by EPA 8260B        | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc.                               | 31 |

## 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           | 09/10/24 19:14 |

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





## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

CS1 - 0'

E409061-01

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



Sample Data

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

CS1 - 1'

E409061-02

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



Sample Data

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

CS1 - 2'

E409061-03

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS1 - 3'

## E409061-04

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



Sample Data

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

CS1 - 4'

E409061-05

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





Sample Data

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

CS2 - 0'

E409061-06

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS2 - 1'

## E409061-07

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS2 - 2'

## E409061-08

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS2 - 3'

## E409061-09

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.7 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.7 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH  |          | Batch: 2437020 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| Surrogate: n-Nonane                                   |        | 90.8 %          | 50-200   | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437027 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |



Sample Data

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

CS2 - 4'

E409061-10

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.6 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.6 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH  |          | Batch: 2437020 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| Surrogate: n-Nonane                                   |        | 86.7 %          | 50-200   | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437027 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |





## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

CS3 - 0'

E409061-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.1 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.1 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH  |          | Batch: 2437020 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| Surrogate: n-Nonane                                   |        | 84.7 %          | 50-200   | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437027 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS3 - 1'

## E409061-12

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS3 - 2'

## E409061-13

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

CS3 - 3'

E409061-14

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

CS3 - 4'

E409061-15

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





## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

CS4 - 0'

E409061-16

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS4 - 1'

## E409061-17

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS4 - 2'

## E409061-18

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.8 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.8 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH  |          | Batch: 2437020 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| Surrogate: n-Nonane                                   |        | 83.2 %          | 50-200   | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437027 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

CS4 - 3'

E409061-19

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:14:52PM

## CS4 - 4'

## E409061-20

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.0 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.0 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH  |          | Batch: 2437020 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| Surrogate: n-Nonane                                   |        | 89.9 %          | 50-200   | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437027 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |





QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2437023-BLK1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| Ethylbenzene                     | ND    | 0.0250 |       |  |      |        |  |  |  |
| Toluene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| o-Xylene                         | ND    | 0.0250 |       |  |      |        |  |  |  |
| p,m-Xylene                       | ND    | 0.0500 |       |  |      |        |  |  |  |
| Total Xylenes                    | ND    | 0.0250 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.514 |        | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.465 |        | 0.500 |  | 93.0 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.548 |        | 0.500 |  | 110  | 70-130 |  |  |  |

LCS (2437023-BS1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.39  | 0.0250 | 2.50  |  | 95.6 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.50  | 0.0250 | 2.50  |  | 100  | 70-130 |  |  |  |
| Toluene                          | 2.53  | 0.0250 | 2.50  |  | 101  | 70-130 |  |  |  |
| o-Xylene                         | 2.45  | 0.0250 | 2.50  |  | 98.0 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.96  | 0.0500 | 5.00  |  | 99.1 | 70-130 |  |  |  |
| Total Xylenes                    | 7.41  | 0.0250 | 7.50  |  | 98.8 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.515 |        | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.485 |        | 0.500 |  | 96.9 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.533 |        | 0.500 |  | 107  | 70-130 |  |  |  |

LCS Dup (2437023-BSD1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |        |       |  |      |        |      |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene                          | 2.25  | 0.0250 | 2.50  |  | 89.9 | 70-130 | 6.12 | 23 |  |
| Ethylbenzene                     | 2.36  | 0.0250 | 2.50  |  | 94.6 | 70-130 | 5.57 | 27 |  |
| Toluene                          | 2.39  | 0.0250 | 2.50  |  | 95.4 | 70-130 | 5.68 | 24 |  |
| o-Xylene                         | 2.31  | 0.0250 | 2.50  |  | 92.4 | 70-130 | 5.95 | 27 |  |
| p,m-Xylene                       | 4.67  | 0.0500 | 5.00  |  | 93.4 | 70-130 | 5.95 | 27 |  |
| Total Xylenes                    | 6.98  | 0.0250 | 7.50  |  | 93.1 | 70-130 | 5.95 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.510 |        | 0.500 |  | 102  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 |        | 0.500 |  | 98.2 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.536 |        | 0.500 |  | 107  | 70-130 |      |    |  |



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2437023-BLK1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.514 |      | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.465 |      | 0.500 |  | 93.0 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.548 |      | 0.500 |  | 110  | 70-130 |  |  |  |

LCS (2437023-BS2) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |      |       |  |     |        |  |  |  |
|----------------------------------|-------|------|-------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 53.2  | 20.0 | 50.0  |  | 106 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.509 |      | 0.500 |  | 102 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.512 |      | 0.500 |  | 102 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.541 |      | 0.500 |  | 108 | 70-130 |  |  |  |

LCS Dup (2437023-BSD2) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |      |       |  |     |        |      |    |  |
|----------------------------------|-------|------|-------|--|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 54.7  | 20.0 | 50.0  |  | 109 | 70-130 | 2.76 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.526 |      | 0.500 |  | 105 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.502 |      | 0.500 |  | 100 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.544 |      | 0.500 |  | 109 | 70-130 |      |    |  |



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2437020-BLK1)            |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 47.1 |      | 50.0 |  | 94.3                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2437020-BS1)               |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 225  | 25.0 | 250  |  | 90.2                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 48.8 |      | 50.0 |  | 97.5                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2437020-BSD1)          |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 238  | 25.0 | 250  |  | 95.1                                  | 38-132 | 5.31 | 20 |  |
| Surrogate: n-Nonane             | 47.9 |      | 50.0 |  | 95.8                                  | 50-200 |      |    |  |



QC Summary Data

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

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 (2437027-BLK1)   |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2437027-BS1)      |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |       |    |  |
| Chloride               | 250 | 20.0 | 250 |  | 100                                   | 90-110 |       |    |  |
| LCS Dup (2437027-BSD1) |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |       |    |  |
| Chloride               | 253 | 20.0 | 250 |  | 101                                   | 90-110 | 0.987 | 20 |  |

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



Definitions and Notes

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

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



## Project Information

## Chain of Custody

Page 1 of 6

| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Sea Wolf 1-12 CTB 1<br><b>Project Manager:</b> Gio Gomez<br><b>Address:</b> 5614 N. Lovington Hwy.<br><b>City, State, Zip:</b> Hobbs, NM, 88240<br><b>Phone:</b> 806-782-1151<br><b>Email:</b> gio@pimaoil.com<br><b>Report due by:</b>   |              |        |                   |           | <b>Bill To</b><br><b>Attention:</b> Devon<br><b>Address:</b><br><b>City, State, Zip:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Pima Project #</b> 1-216-1 |                 |                 |              |             | <b>Lab Use Only</b><br><b>Lab WO#</b> F409061 <b>Job Number</b> 01058-0007<br><b>Analysis and Method</b><br>DRO/ORO by 8015<br>GRO/DRO by 8015<br>BTEX by 8021<br>VOC by 8260<br>Metals 6010<br>Chloride 300.0<br>BGDOC NM<br>BGDOC TX |                |          |          |         |  | <b>TAT</b><br>1D 2D 3D Standard<br><input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  |  |  | <b>EPA Program</b><br>CWA SDWA<br>RCRA<br><b>State</b><br>NM CO UT AZ TX<br><input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  |  |  |
|---|--------------|--------|-------------------|-----------|---|-----------------|-----------------|--------------|-------------|--|----------------|----------|----------|---------|--|---|--|--|--|---|--|--|--|
| 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 |  |   |  |  |  |   |  |  |  |
| 10:11   | 9/6          | S      |                   | CS1-0'    | 1   |                 |                 |              |             |  |                | X        |          |         |  |   |  |  |  |   |  |  |  |
| 10:23   |              |        |                   | CS1-1'    | 2   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 10:29   |              |        |                   | CS1-2'    | 3   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 10:31   |              |        |                   | CS1-3'    | 4   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 10:39   |              |        |                   | CS1-4'    | 5   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 10:47   |              |        |                   | CS2-0'    | 6   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 10:53   |              |        |                   | CS2-1'    | 7   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 11:10   |              |        |                   | CS2-2'    | 8   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 11:17   |              |        |                   | CS2-3'    | 9   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| 11:21   |              |        |                   | CS2-4'    | 10  |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| <b>Additional Instructions:</b> 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.   |              |        |                   |           |   |                 |                 |              |             | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.  |                |          |          |         |  |   |  |  |  |   |  |  |  |
| Relinquished by: (Signature) <u>Karime Adame</u> Date <u>9/9/24</u> Time <u>1:50</u>  |              |        |                   |           | Received by: (Signature) <u>Michelle Gonzales</u> Date <u>9.9.24</u> Time <u>1350</u>   |                 |                 |              |             | <b>Lab Use Only</b><br>Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N   |                |          |          |         |  |   |  |  |  |   |  |  |  |
| Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>9-9-24</u> Time <u>1630</u>   |              |        |                   |           | Received by: (Signature) <u>Andrew Russo</u> Date <u>9.9.24</u> Time <u>1645</u>  |                 |                 |              |             | T1 _____ T2 _____ T3 _____   |                |          |          |         |  |   |  |  |  |   |  |  |  |
| Relinquished by: (Signature) <u>Andrew Russo</u> Date <u>9.9.24</u> Time <u>2400</u>  |              |        |                   |           | Received by: (Signature) <u>Thuyphong R Heeler</u> Date <u>9-10-24</u> Time <u>0600</u>   |                 |                 |              |             | AVG Temp °C <u>4</u>   |                |          |          |         |  |   |  |  |  |   |  |  |  |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  |              |        |                   |           |   |                 |                 |              |             | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA   |                |          |          |         |  |   |  |  |  |   |  |  |  |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |        |                   |           |   |                 |                 |              |             |  |                |          |          |         |  |   |  |  |  |   |  |  |  |



## Project Information

## Chain of Custody

Page 2 of 6

Client: Pima Environmental Services  
Project: Sea Wolf 1-12 CTB 1  
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        |                   | TAT                                 |             |             |                | EPA Program                         |      |
|---------------------|-------------------|-------------------------------------|-------------|-------------|----------------|-------------------------------------|------|
| Lab WO#             | Job Number        | 1D                                  | 2D          | 3D          | Standard       | CWA                                 | SDWA |
| <u>E409061</u>      | <u>01058-0007</u> | <input checked="" type="checkbox"/> |             |             |                |                                     |      |
| Analysis and Method |                   |                                     |             |             |                |                                     | RCRA |
| DRO/DRO by 8015     | GRO/DRO by 8015   | BTEX by 8021                        | VOC by 8260 | Metals 6010 | Chloride 300.0 | State                               |      |
|                     |                   |                                     |             |             |                | NM                                  | CO   |
|                     |                   |                                     |             |             |                | <input checked="" type="checkbox"/> |      |
|                     |                   |                                     |             |             |                | UT                                  | AZ   |
|                     |                   |                                     |             |             |                |                                     |      |
|                     |                   |                                     |             |             |                | TX                                  |      |
|                     |                   |                                     |             |             |                |                                     |      |
| Remarks             |                   |                                     |             |             |                |                                     |      |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number |
|--------------|--------------|--------|-------------------|-----------|------------|
| 11:29        | 9/16         | S      |                   | CS3-0'    | 11         |
| 11:33        |              |        |                   | CS3-1'    | 12         |
| 11:39        |              |        |                   | CS3-2'    | 13         |
| 11:41        |              |        |                   | CS3-3'    | 14         |
| 11:49        |              |        |                   | CS3-4'    | 15         |
| 11:56        |              |        |                   | CS4-0'    | 16         |
| 2:06         |              |        |                   | CS4-1'    | 17         |
| 12:13        |              |        |                   | CS4-2'    | 18         |
| 12:17        |              |        |                   | CS4-3'    | 19         |
| 12:21        |              |        |                   | CS4-4'    | 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)<br><u>Karime Adame</u>      | Date<br><u>9/9/24</u> | Time<br><u>1:50</u> | Received by: (Signature)<br><u>Michelle Gonzales</u> | Date<br><u>9-9-24</u>  | Time<br><u>1350</u> |
| Relinquished by: (Signature)<br><u>Michelle Gonzales</u> | Date<br><u>9-9-24</u> | Time<br><u>1630</u> | Received by: (Signature)<br><u>Andrew Jasso</u>      | Date<br><u>9-9-24</u>  | Time<br><u>1645</u> |
| Relinquished by: (Signature)<br><u>Andrew Jasso</u>      | Date<br><u>9-9-24</u> | Time<br><u>2400</u> | Received by: (Signature)<br><u>Kyleigh R Heeler</u>  | Date<br><u>9-10-24</u> | Time<br><u>0600</u> |

| Lab Use Only         |                                       |                            |
|----------------------|---------------------------------------|----------------------------|
| Received on ice:     | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N |
| T1                   | T2                                    | T3                         |
|                      |                                       |                            |
| AVG Temp °C <u>4</u> |                                       |                            |

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

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

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

## Envirotech Analytical Laboratory

Printed: 9/10/2024 8:58:27AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 09/10/24 06:00             | Work Order ID: | E409061  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 09/09/24 15:42             | Logged In By:  | Noe Soto |
| Email:  | gio@pimaoil.com                      | Due Date:       | 09/10/24 17:00 (0 day TAT) |                |          |

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project Seawolf 1-12 CTB 1 has been separated into 3 reports. E409061 to E409063. No. of Containers and sampled by name are missing on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E409062

Job Number: 01058-0007

Received: 9/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/10/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 9/10/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Sea Wolf 1-12 CTB 1  
Workorder: E409062  
Date Received: 9/10/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2024 6:00:00AM, under the Project Name: Sea Wolf 1-12 CTB 1.

The analytical test results summarized in this report with the Project Name: Sea Wolf 1-12 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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## Table of Contents

|                   |    |
|-------------------|----|
| Title Page        | 1  |
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS5 - 0'          | 6  |
| CS5 - 1'          | 7  |
| CS5 - 2'          | 8  |
| CS5 - 3'          | 9  |
| CS5 - 4'          | 10 |
| CS6 - 0'          | 11 |
| CS6 - 1'          | 12 |
| CS6 - 2'          | 13 |
| CS6 - 3'          | 14 |
| CS6 - 4'          | 15 |
| CS7 - 0'          | 16 |
| CS7 - 1'          | 17 |
| CS7 - 2'          | 18 |
| CS7 - 3'          | 19 |
| CS7 - 4'          | 20 |
| CS8 - 0'          | 21 |
| CS8 - 1'          | 22 |
| CS8 - 2'          | 23 |
| CS8 - 3'          | 24 |
| CS8 - 4'          | 25 |



Table of Contents (continued)

|   |    |
|---|----|
| QC Summary Data                                     | 26 |
| QC - Volatile Organics by EPA 8021B                 | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A                      | 29 |
| Definitions and Notes                               | 30 |
| Chain of Custody etc.                               | 31 |

## 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           | 09/10/24 19:31 |

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



Sample Data

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

CS5 - 0'

E409062-01

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



Sample Data

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

CS5 - 1'

E409062-02

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



Sample Data

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

CS5 - 2'

E409062-03

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





Sample Data

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

CS5 - 3'

E409062-04

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



Sample Data

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

CS5 - 4'

E409062-05

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



Sample Data

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

CS6 - 0'

E409062-06

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 7:31:08PM

## CS6 - 1'

## E409062-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437024 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |              |          |                |
|   |        | 100 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437024 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |              |          |                |
|   |        | 95.9 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH  |          | Batch: 2437021 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |              |          |                |
|   |        | 85.4 %          | 50-200   | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437031 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |



Sample Data

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

CS6 - 2'

E409062-08

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





Sample Data

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

CS6 - 3'

E409062-09

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



Sample Data

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

CS6 - 4'

E409062-10

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



Sample Data

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

CS7 - 0'

E409062-11

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2437024 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/10/24 | 09/10/24       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 99.8 % | 70-130          |              | 09/10/24 | 09/10/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2437024 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/10/24 | 09/10/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 95.7 % | 70-130          |              | 09/10/24 | 09/10/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH  |          | Batch: 2437021 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/09/24 | 09/10/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/09/24 | 09/10/24       |       |
| Surrogate: n-Nonane                                   | 94.7 % | 50-200          |              | 09/09/24 | 09/10/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2437031 |       |
| Chloride  | ND     | 20.0            | 1            | 09/10/24 | 09/10/24       |       |



Sample Data

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

CS7 - 1'

E409062-12

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



Sample Data

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

CS7 - 2'

E409062-13

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



Sample Data

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

CS7 - 3'

E409062-14

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





Sample Data

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

CS7 - 4'

E409062-15

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



Sample Data

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

CS8 - 0'

E409062-16

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



Sample Data

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

CS8 - 1'

E409062-17

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437024 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |              |          |                |
|   | 90.1 % | 70-130          |          | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437024 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |              |          |                |
|   | 98.2 % | 70-130          |          | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH  |          | Batch: 2437021 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |              |          |                |
|   | 85.6 % | 50-200          |          | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437031 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |



Sample Data

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

CS8 - 2'

E409062-18

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2437024 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/10/24 | 09/10/24       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 89.9 % | 70-130          |              | 09/10/24 | 09/10/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2437024 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/10/24 | 09/10/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 98.6 % | 70-130          |              | 09/10/24 | 09/10/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH  |          | Batch: 2437021 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/09/24 | 09/10/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/09/24 | 09/10/24       |       |
| Surrogate: n-Nonane                                   | 83.3 % | 50-200          |              | 09/09/24 | 09/10/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2437031 |       |
| Chloride  | ND     | 20.0            | 1            | 09/10/24 | 09/10/24       |       |



Sample Data

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

CS8 - 3'

E409062-19

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



Sample Data

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

CS8 - 4'

E409062-20

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2437024 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/10/24 | 09/10/24       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/10/24 | 09/10/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 88.6 % | 70-130          |              | 09/10/24 | 09/10/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2437024 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/10/24 | 09/10/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 98.7 % | 70-130          |              | 09/10/24 | 09/10/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH  |          | Batch: 2437021 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/09/24 | 09/10/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/09/24 | 09/10/24       |       |
| Surrogate: n-Nonane                                   | 83.1 % | 50-200          |              | 09/09/24 | 09/10/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2437031 |       |
| Chloride  | ND     | 20.0            | 1            | 09/10/24 | 09/10/24       |       |





QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2437024-BLK1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | ND   | 0.0250 |      |  |      |        |  |  |  |
| Ethylbenzene                        | ND   | 0.0250 |      |  |      |        |  |  |  |
| Toluene                             | ND   | 0.0250 |      |  |      |        |  |  |  |
| o-Xylene                            | ND   | 0.0250 |      |  |      |        |  |  |  |
| p,m-Xylene                          | ND   | 0.0500 |      |  |      |        |  |  |  |
| Total Xylenes                       | ND   | 0.0250 |      |  |      |        |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.16 |        | 8.00 |  | 89.5 | 70-130 |  |  |  |

LCS (2437024-BS1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.59 | 0.0250 | 5.00 |  | 91.8 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.74 | 0.0250 | 5.00 |  | 94.8 | 70-130 |  |  |  |
| Toluene                             | 4.74 | 0.0250 | 5.00 |  | 94.8 | 70-130 |  |  |  |
| o-Xylene                            | 4.74 | 0.0250 | 5.00 |  | 94.7 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.63 | 0.0500 | 10.0 |  | 96.3 | 70-130 |  |  |  |
| Total Xylenes                       | 14.4 | 0.0250 | 15.0 |  | 95.8 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.33 |        | 8.00 |  | 91.7 | 70-130 |  |  |  |

LCS Dup (2437024-BSD1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                     |      |        |      |  |      |        |      |    |  |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene                             | 4.69 | 0.0250 | 5.00 |  | 93.8 | 70-130 | 2.13 | 20 |  |
| Ethylbenzene                        | 4.84 | 0.0250 | 5.00 |  | 96.7 | 70-130 | 2.00 | 20 |  |
| Toluene                             | 4.84 | 0.0250 | 5.00 |  | 96.9 | 70-130 | 2.13 | 20 |  |
| o-Xylene                            | 4.84 | 0.0250 | 5.00 |  | 96.8 | 70-130 | 2.21 | 20 |  |
| p,m-Xylene                          | 9.83 | 0.0500 | 10.0 |  | 98.3 | 70-130 | 2.04 | 20 |  |
| Total Xylenes                       | 14.7 | 0.0250 | 15.0 |  | 97.8 | 70-130 | 2.10 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.35 |        | 8.00 |  | 91.9 | 70-130 |      |    |  |



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|   |      |      |      |  |                                       |        |  |  |  |
|---|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2437024-BLK1)                    |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |  |  |  |
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |                                       |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.78 |      | 8.00 |  | 97.3                                  | 70-130 |  |  |  |

|   |      |      |      |  |                                       |        |  |  |  |
|---|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2437024-BS2)                       |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |  |  |  |
| Gasoline Range Organics (C6-C10)        | 42.6 | 20.0 | 50.0 |  | 85.1                                  | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.85 |      | 8.00 |  | 98.1                                  | 70-130 |  |  |  |

|   |      |      |      |  |                                       |        |      |    |  |
|---|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2437024-BSD2)                  |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |      |    |  |
| Gasoline Range Organics (C6-C10)        | 43.5 | 20.0 | 50.0 |  | 86.9                                  | 70-130 | 2.07 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.77 |      | 8.00 |  | 97.2                                  | 70-130 |      |    |  |



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2437021-BLK1)            |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/10/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 44.3 |      | 50.0 |  | 88.7                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2437021-BS1)               |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/10/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 224  | 25.0 | 250  |  | 89.6                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 46.2 |      | 50.0 |  | 92.3                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2437021-BSD1)          |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/10/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 203  | 25.0 | 250  |  | 81.1                                  | 38-132 | 9.90 | 20 |  |
| Surrogate: n-Nonane             | 46.0 |      | 50.0 |  | 92.0                                  | 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: | Gio Gomez           | 9/10/2024 7:31:08PM |

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 (2437031-BLK1)   |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |        |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |        |    |  |
| LCS (2437031-BS1)      |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |        |    |  |
| Chloride               | 252 | 20.0 | 250 |  | 101                                   | 90-110 |        |    |  |
| LCS Dup (2437031-BSD1) |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |        |    |  |
| Chloride               | 252 | 20.0 | 250 |  | 101                                   | 90-110 | 0.0975 | 20 |  |

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



Definitions and Notes

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

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



## Project Information

## Chain of Custody

Page 3 of 6

|  |              |        |                   |           |   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
|--|--------------|--------|-------------------|-----------|---|-----------------|-----------------|--------------|-------------|---|----------------|--|--|----------------|--|--|--|--|---|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Sea Wolf 1-12 CTB1<br><b>Project Manager:</b> Gio Gomez<br><b>Address:</b> 5614 N. Lovington Hwy.<br><b>City, State, Zip:</b> Hobbs, NM. 88240<br><b>Phone:</b> 806-782-1151<br><b>Email:</b> gio@pimaoil.com<br><b>Report due by:</b>   |              |        |                   |           | <b>Bill To</b><br><b>Attention:</b> Devon<br><b>Address:</b><br><b>City, State, Zip:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Pima Project #</b> 1-216-1 |                 |                 |              |             | <b>Lab Use Only</b><br><b>Lab WO#</b> E409062<br><b>Job Number</b> 01058-0007<br><b>Analysis and Method</b>   |                |  |  |                | <b>TAT</b><br>1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/> |  |  |  | <b>EPA Program</b><br>CWA <input type="checkbox"/> SDWA <input type="checkbox"/><br>RCRA <input type="checkbox"/> |  |
|  |              |        |                   |           |   |                 |                 |              |             | <b>State</b><br>NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>          |                |  |  |                |  |  |  |  |   |  |
|  |              |        |                   |           |   |                 |                 |              |             |   |                |  |  | <b>Remarks</b> |  |  |  |  |   |  |
| 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   |  |  |  |   |  |
| 12:29  | 9/16         | S      |                   | CS5-0'    | 1   |                 |                 |              |             |   |                |  |  | X              |  |  |  |  |   |  |
| 12:30  | /            | /      |                   | CS5-1'    | 2   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 12:36  | /            | /      |                   | CS5-2'    | 3   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 12:40  | /            | /      |                   | CS5-3'    | 4   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 2:49   | /            | /      |                   | CS5-4'    | 5   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 12:53  | /            | /      |                   | CS6-0'    | 6   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 12:59  | /            | /      |                   | CS6-1'    | 7   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 1:04   | /            | /      |                   | CS6-2'    | 8   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 1:11   | /            | /      |                   | CS6-3'    | 9   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| 1:17   | /            | /      |                   | CS6-4'    | 10  |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |
| <b>Additional Instructions:</b> 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.  |              |        |                   |           |   |                 |                 |              |             | 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. |                |  |  |                |  |  |  |  |   |  |
| <b>Relinquished by: (Signature)</b> Karime Hame<br><b>Date</b> 9/9/24<br><b>Time</b> 1:50  |              |        |                   |           |   |                 |                 |              |             | <b>Received by: (Signature)</b> Michelle Gonzales<br><b>Date</b> 9.9.24<br><b>Time</b> 1350   |                |  |  |                |  |  |  |  |   |  |
| <b>Relinquished by: (Signature)</b> Michelle Gonzales<br><b>Date</b> 9.9.24<br><b>Time</b> 1630  |              |        |                   |           |   |                 |                 |              |             | <b>Received by: (Signature)</b> Andrew Jasso<br><b>Date</b> 9.9.24<br><b>Time</b> 1645  |                |  |  |                |  |  |  |  |   |  |
| <b>Relinquished by: (Signature)</b> Andrew Jasso<br><b>Date</b> 9.9.24<br><b>Time</b> 2400   |              |        |                   |           |   |                 |                 |              |             | <b>Received by: (Signature)</b> Kenneth R. Hender<br><b>Date</b> 9.10.24<br><b>Time</b> 0600  |                |  |  |                |  |  |  |  |   |  |
| <b>Sample Matrix:</b> S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  |              |        |                   |           |   |                 |                 |              |             | <b>Container Type:</b> g - glass, p - poly/plastic, ag - amber glass, v - VOA   |                |  |  |                |  |  |  |  |   |  |
| <b>Note:</b> Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |        |                   |           |   |                 |                 |              |             |   |                |  |  |                |  |  |  |  |   |  |





## Envirotech Analytical Laboratory

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

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 09/10/24 06:00             | Work Order ID: | E409062  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 09/09/24 15:47             | Logged In By:  | Noe Soto |
| Email:  | gio@pimaoil.com                      | Due Date:       | 09/10/24 17:00 (0 day TAT) |                |          |

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project Seawolf 1-12 CTB 1 has been separated into 3 reports. E409061 to E409063. No. of Containers and sampled by name are missing on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Sea Wolf 1-12 CTB 1

Work Order: E409063

Job Number: 01058-0007

Received: 9/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/10/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 9/10/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Sea Wolf 1-12 CTB 1  
Workorder: E409063  
Date Received: 9/10/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2024 6:00:00AM, under the Project Name: Sea Wolf 1-12 CTB 1.

The analytical test results summarized in this report with the Project Name: Sea Wolf 1-12 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
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## Table of Contents

|   |    |
|---|----|
| Title Page                                      | 1  |
| Cover Page                                      | 2  |
| Table of Contents                               | 3  |
| Sample Summary                                  | 5  |
| Sample Data                                     | 6  |
| CS9 - 0'  | 6  |
| CS9 - 1'  | 7  |
| CS9 - 2'  | 8  |
| CS9 - 3'  | 9  |
| CS9 - 4'  | 10 |
| CS10 - 0'                                       | 11 |
| CS10 - 1'                                       | 12 |
| CS10 - 2'                                       | 13 |
| CS10 - 3'                                       | 14 |
| CS10 - 4'                                       | 15 |
| CSW1 (0-4') Comp.                               | 16 |
| CSW2 (0-4') Comp.                               | 17 |
| CSW3 (0-4') Comp.                               | 18 |
| CSW4 (0-4') Comp.                               | 19 |
| CSW5 (0-4') Comp.                               | 20 |
| CSW6 (0-4') Comp.                               | 21 |
| BG1 - 1'  | 22 |
| QC Summary Data                                 | 23 |
| QC - Volatile Organic Compounds by EPA8260B     | 23 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 24 |

Table of Contents (continued)

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



Sample Summary

|                                      |                  |                     |                |
|--------------------------------------|------------------|---------------------|----------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Sea Wolf 1-12 CTB 1 | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007          |                |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez           | 09/10/24 15:54 |

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

Sample Data

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

CS9 - 0'

E409063-01

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



Sample Data

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

CS9 - 1'

E409063-02

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 3:54:46PM

## CS9 - 2'

## E409063-03

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 3:54:46PM

CS9 - 3'

E409063-04

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



Sample Data

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

CS9 - 4'

E409063-05

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





Sample Data

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

CS10 - 0'

E409063-06

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



Sample Data

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

CS10 - 1'

E409063-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437025 |
| Benzene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Toluene   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 09/10/24     | 09/10/24 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 90.7 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 97.4 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2437025 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 90.7 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| Surrogate: Toluene-d8                                 |        | 97.4 %          | 70-130   | 09/10/24     | 09/10/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2437022 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 09/09/24     | 09/10/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 09/09/24     | 09/10/24 |                |
| Surrogate: n-Nonane                                   |        | 82.4 %          | 50-200   | 09/09/24     | 09/10/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2437032 |
| Chloride  | ND     | 20.0            | 1        | 09/10/24     | 09/10/24 |                |



Sample Data

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

CS10 - 2'

E409063-08

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



Sample Data

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

CS10 - 3'

E409063-09

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



Sample Data

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

CS10 - 4'

E409063-10

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



Sample Data

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

CSW1 (0-4') Comp.  
E409063-11

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





Sample Data

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

CSW2 (0-4') Comp.  
E409063-12

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 3:54:46PM

## CSW3 (0-4') Comp.

E409063-13

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 3:54:46PM

## CSW4 (0-4') Comp.

E409063-14

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



Sample Data

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

CSW5 (0-4') Comp.  
E409063-15

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



## Sample Data

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

Project Name: Sea Wolf 1-12 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
9/10/2024 3:54:46PM

## CSW6 (0-4') Comp.

E409063-16

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



Sample Data

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

BG1 - 1'

E409063-17

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





QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2437025-BLK1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| Ethylbenzene                     | ND    | 0.0250 |       |  |      |        |  |  |  |
| Toluene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| o-Xylene                         | ND    | 0.0250 |       |  |      |        |  |  |  |
| p,m-Xylene                       | ND    | 0.0500 |       |  |      |        |  |  |  |
| Total Xylenes                    | ND    | 0.0250 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.427 |        | 0.500 |  | 85.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.387 |        | 0.500 |  | 77.3 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.481 |        | 0.500 |  | 96.2 | 70-130 |  |  |  |

LCS (2437025-BS1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.85  | 0.0250 | 2.50  |  | 114  | 70-130 |  |  |  |
| Ethylbenzene                     | 2.23  | 0.0250 | 2.50  |  | 89.3 | 70-130 |  |  |  |
| Toluene                          | 1.78  | 0.0250 | 2.50  |  | 71.1 | 70-130 |  |  |  |
| o-Xylene                         | 2.16  | 0.0250 | 2.50  |  | 86.5 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.31  | 0.0500 | 5.00  |  | 86.2 | 70-130 |  |  |  |
| Total Xylenes                    | 6.47  | 0.0250 | 7.50  |  | 86.3 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.505 |        | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.608 |        | 0.500 |  | 122  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.397 |        | 0.500 |  | 79.3 | 70-130 |  |  |  |

LCS Dup (2437025-BSD1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |        |       |  |      |        |      |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene                          | 2.72  | 0.0250 | 2.50  |  | 109  | 70-130 | 4.83 | 23 |  |
| Ethylbenzene                     | 2.36  | 0.0250 | 2.50  |  | 94.3 | 70-130 | 5.53 | 27 |  |
| Toluene                          | 2.07  | 0.0250 | 2.50  |  | 82.7 | 70-130 | 15.1 | 24 |  |
| o-Xylene                         | 2.32  | 0.0250 | 2.50  |  | 92.8 | 70-130 | 7.07 | 27 |  |
| p,m-Xylene                       | 4.61  | 0.0500 | 5.00  |  | 92.3 | 70-130 | 6.78 | 27 |  |
| Total Xylenes                    | 6.94  | 0.0250 | 7.50  |  | 92.5 | 70-130 | 6.88 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.506 |        | 0.500 |  | 101  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.557 |        | 0.500 |  | 111  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.430 |        | 0.500 |  | 85.9 | 70-130 |      |    |  |



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2437025-BLK1) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.427 |      | 0.500 |  | 85.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.387 |      | 0.500 |  | 77.3 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.481 |      | 0.500 |  | 96.2 | 70-130 |  |  |  |

LCS (2437025-BS2) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.4  | 20.0 | 50.0  |  | 82.8 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.522 |      | 0.500 |  | 104  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.485 |      | 0.500 |  | 97.0 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.464 |      | 0.500 |  | 92.7 | 70-130 |  |  |  |

LCS Dup (2437025-BSD2) Prepared: 09/09/24 Analyzed: 09/09/24

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 40.3  | 20.0 | 50.0  |  | 80.5 | 70-130 | 2.82 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.518 |      | 0.500 |  | 104  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.595 |      | 0.500 |  | 119  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.426 |      | 0.500 |  | 85.2 | 70-130 |      |    |  |



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2437022-BLK1)            |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 42.2 |      | 50.0 |  | 84.5                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2437022-BS1)               |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 211  | 25.0 | 250  |  | 84.6                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 43.0 |      | 50.0 |  | 86.0                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2437022-BSD1)          |      |      |      |  | Prepared: 09/09/24 Analyzed: 09/09/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 194  | 25.0 | 250  |  | 77.7                                  | 38-132 | 8.44 | 20 |  |
| Surrogate: n-Nonane             | 41.9 |      | 50.0 |  | 83.8                                  | 50-200 |      |    |  |



QC Summary Data

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

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 (2437032-BLK1)   |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2437032-BS1)      |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |       |    |  |
| Chloride               | 249 | 20.0 | 250 |  | 99.5                                  | 90-110 |       |    |  |
| LCS Dup (2437032-BSD1) |     |      |     |  | Prepared: 09/10/24 Analyzed: 09/10/24 |        |       |    |  |
| Chloride               | 248 | 20.0 | 250 |  | 99.3                                  | 90-110 | 0.241 | 20 |  |

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

Definitions and Notes

|                                      |                  |                     |                |
|--------------------------------------|------------------|---------------------|----------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Sea Wolf 1-12 CTB 1 |                |
| PO Box 247                           | Project Number:  | 01058-0007          | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez           | 09/10/24 15:54 |

- S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



## Project Information

## Chain of Custody

Page 5 of 6

|   |              |        |                   |           |                                     |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
|---|--------------|--------|-------------------|-----------|-------------------------------------|-----------------|---------------------|--------------|-------------|---|----------------|----------|-------------|---------|---|--|--|--|--|----|--|--|--|--|
| Client: Pima Environmental Services   |              |        |                   |           | Attention: <u>Devon</u>             |                 | Lab Use Only        |              | TAT         |   |                |          | EPA Program |         |   |  |  |  |  |    |  |  |  |  |
| Project: <u>Sea Wolf 1-12 CTB 1</u>   |              |        |                   |           | Address:                            |                 | Lab WO#             | Job Number   | 1D          | 2D  | 3D             | Standard | CWA         | SDWA    |   |  |  |  |  |    |  |  |  |  |
| Project Manager: <u>Gio Gomez</u>   |              |        |                   |           | City, State, Zip                    |                 | Analysis and Method |              |             |   |                |          |             | RCRA    |   |  |  |  |  |    |  |  |  |  |
| Address: <u>5614 N. Lovington Hwy.</u>  |              |        |                   |           | Phone:                              |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| City, State, Zip: <u>Hobbs, NM, 88240</u>   |              |        |                   |           | Email:                              |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| Phone: <u>806-782-1151</u>  |              |        |                   |           | Pima Project # <u>1-216-1</u>       |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| Email: <u>gio@pimaoil.com</u>   |              |        |                   |           |                                     |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| Report due by:  |              |        |                   |           |                                     |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                          | DRO/ORO by 8015 | GRO/DRO by 8015     | BTEX by 8021 | VOC by 8260 | Metals 6010   | Chloride 300.0 | BDOC NM  | BDOC TX     | Remarks |   |  |  |  |  |    |  |  |  |  |
| 2:16  | 9/6          | S      |                   | CS9-0'    | 1                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:19  |              |        |                   | CS9-1'    | 2                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:20  |              |        |                   | CS9-2'    | 3                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:23  |              |        |                   | CS9-3'    | 4                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:31  |              |        |                   | CS9-4'    | 5                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:37  |              |        |                   | CS10-0'   | 6                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:38  |              |        |                   | CS10-1'   | 7                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:40  |              |        |                   | CS10-2'   | 8                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:45  |              |        |                   | CS10-5'   | 9                                   |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| 2:56  |              |        |                   | CS10-4'   | 10                                  |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| Additional Instructions: <u>Billing # 21100941</u>  |              |        |                   |           |                                     |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.   |              |        |                   |           |                                     |                 |                     |              |             | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| Relinquished by: (Signature) <u>Karine Adame</u>  |              |        |                   |           | Date <u>9/9/24</u> Time <u>1:50</u> |                 |                     |              |             | Received by: (Signature) <u>Michelle Gonzales</u>   |                |          |             |         | Date <u>9-9-24</u> Time <u>1350</u>           |  |  |  |  |    |  |  |  |  |
| Relinquished by: (Signature) <u>Michelle Gonzales</u>   |              |        |                   |           | Date <u>9-9-24</u> Time <u>1630</u> |                 |                     |              |             | Received by: (Signature) <u>Andrew Hobbs</u>  |                |          |             |         | Date <u>9-9-24</u> Time <u>1645</u>           |  |  |  |  |    |  |  |  |  |
| Relinquished by: (Signature) <u>Andrew Hobbs</u>  |              |        |                   |           | Date <u>9-9-24</u> Time <u>2400</u> |                 |                     |              |             | Received by: (Signature) <u>Kayleigh R. Hall</u>  |                |          |             |         | Date <u>9-10-24</u> Time <u>0600</u>          |  |  |  |  |    |  |  |  |  |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  |              |        |                   |           |                                     |                 |                     |              |             | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  |                |          |             |         | Lab Use Only<br>Received on ice: <u>Y</u> / N |  |  |  |  |    |  |  |  |  |
|   |              |        |                   |           |                                     |                 |                     |              |             | T1  |                |          |             |         | T2  |  |  |  |  | T3 |  |  |  |  |
|   |              |        |                   |           |                                     |                 |                     |              |             | AVG Temp °C <u>4</u>  |                |          |             |         |   |  |  |  |  |    |  |  |  |  |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |        |                   |           |                                     |                 |                     |              |             |   |                |          |             |         |   |  |  |  |  |    |  |  |  |  |



## Project Information

## Chain of Custody

Page 6 of 6

|  |  |  |  |  |                               |  |                        |  |                              |  |                                     |    |             |          |      |      |
|--|--|--|--|--|-------------------------------|--|------------------------|--|------------------------------|--|-------------------------------------|----|-------------|----------|------|------|
| Client: Pima Environmental Services      |  |  |  |  | Bill To                       |  | Lab Use Only           |  | TAT                          |  |                                     |    | EPA Program |          |      |      |
| Project: <u>San Wolf 1-12 CBI</u>        |  |  |  |  | Attention: <u>Devon</u>       |  | Lab WO# <u>E409063</u> |  | Job Number <u>01058-0007</u> |  | 1D                                  | 2D | 3D          | Standard | CWA  | SDWA |
| Project Manager: <u>Gio Gomez</u>        |  |  |  |  | Address:                      |  |                        |  |                              |  | <input checked="" type="checkbox"/> |    |             |          |      |      |
| Address: <u>5614 N. Lovington Hwy.</u>   |  |  |  |  | City, State, Zip              |  |                        |  |                              |  |                                     |    |             |          | RCRA |      |
| City, State, Zip <u>Hobbs, NM, 88240</u> |  |  |  |  | Phone:                        |  |                        |  |                              |  |                                     |    |             |          |      |      |
| Phone: <u>806-782-1151</u>               |  |  |  |  | Email:                        |  |                        |  |                              |  |                                     |    |             |          |      |      |
| Email: <u>gio@pimaoil.com</u>            |  |  |  |  | Pima Project # <u>1-216-1</u> |  |                        |  |                              |  |                                     |    |             |          |      |      |
| Report due by:                           |  |  |  |  |                               |  |                        |  |                              |  |                                     |    |             |          |      |      |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID         | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BDOC NM                             | BDOC TX | Remarks |
|--------------|--------------|--------|-------------------|-------------------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|-------------------------------------|---------|---------|
| 3:11         | 9/6          | S      |                   | CSW1 (0-4') comp. | 11         |                 |                 |              |             |             |                | <input checked="" type="checkbox"/> |         |         |
| 3:20         |              |        |                   | CSW2 (0-4') comp. | 12         |                 |                 |              |             |             |                |                                     |         |         |
| 3:29         |              |        |                   | CSW3 (0-4') comp. | 13         |                 |                 |              |             |             |                |                                     |         |         |
| 3:33         |              |        |                   | CSW4 (0-4') comp. | 14         |                 |                 |              |             |             |                |                                     |         |         |
| 3:40         |              |        |                   | CSW5 (0-4') comp. | 15         |                 |                 |              |             |             |                |                                     |         |         |
| 3:43         |              |        |                   | CSW6 (0-4') comp. | 16         |                 |                 |              |             |             |                |                                     |         |         |
| 3:49         |              |        |                   | BG1-1'            | 17         |                 |                 |              |             |             |                |                                     |         |         |
|              |              |        |                   |                   |            |                 |                 |              |             |             |                |                                     |         |         |
|              |              |        |                   |                   |            |                 |                 |              |             |             |                |                                     |         |         |
|              |              |        |                   |                   |            |                 |                 |              |             |             |                |                                     |         |         |
|              |              |        |                   |                   |            |                 |                 |              |             |             |                |                                     |         |         |

**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: \_\_\_\_\_

|  |                       |                     |  |                        |                     |   |
|--|-----------------------|---------------------|--|------------------------|---------------------|---|
| Relinquished by: (Signature)<br><u>Karine Adame</u>      | Date<br><u>9/9/24</u> | Time<br><u>1:50</u> | Received by: (Signature)<br><u>Michelle Gonzales</u> | Date<br><u>9-9-24</u>  | Time<br><u>1350</u> | <b>Lab Use Only</b><br>Received on ice: <input checked="" type="checkbox"/> Y / N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |
| Relinquished by: (Signature)<br><u>Michelle Gonzales</u> | Date<br><u>9-9-24</u> | Time<br><u>1630</u> | Received by: (Signature)<br><u>Andrew Hobbs</u>      | Date<br><u>9-9-24</u>  | Time<br><u>1645</u> |   |
| Relinquished by: (Signature)<br><u>Andrew Hobbs</u>      | Date<br><u>9-9-24</u> | Time<br><u>2400</u> | Received by: (Signature)<br><u>Michelle R. Hall</u>  | Date<br><u>9-10-24</u> | Time<br><u>0600</u> |   |

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

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

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

## Envirotech Analytical Laboratory

Printed: 9/10/2024 9:05:02AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 09/10/24 06:00             | Work Order ID: | E409063  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 09/09/24 15:49             | Logged In By:  | Noe Soto |
| Email:  | gio@pimaoil.com                      | Due Date:       | 09/10/24 17:00 (0 day TAT) |                |          |

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Project Seawolf 1-12 CTB 1 has been separated into 3 reports. E409061 to E409063. No. of Containers and sampled by name are missing on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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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  
  
Action 390157

QUESTIONS

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

QUESTIONS

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

|  |                    |
|--|--------------------|
| Location of Release Source                     |                    |
| Please answer all the questions in this group. |                    |
| Site Name                                      | SEAWOLF 1-12 CTB 1 |
| Date Release Discovered                        | 02/06/2023         |
| Surface Owner                                  | Federal            |

|  |                        |
|--|------------------------|
| Incident Details   |                        |
| Please answer all the questions in this group.   |                        |
| Incident Type  | Produced Water Release |
| Did this release result in a fire or is the result of a fire   | No                     |
| Did this release result in any injuries  | No                     |
| Has this release reached or does it have a reasonable probability of reaching a watercourse          | No                     |
| Has this release endangered or does it have a reasonable probability of endangering public health    | No                     |
| Has this release substantially damaged or will it substantially damage property or the environment   | No                     |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No                     |

|  |   |
|--|---|
| Nature and Volume of Release   |   |
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. |   |
| Crude Oil Released (bbls) Details  | Not answered.   |
| Produced Water Released (bbls) Details   | Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 23 BBL   Recovered: 20 BBL   Lost: 3 BBL.  |
| Is the concentration of chloride in the produced water >10,000 mg/l  | Yes   |
| Condensate Released (bbls) Details   | Not answered.   |
| Natural Gas Vented (Mcf) Details   | Not answered.   |
| Natural Gas Flared (Mcf) Details   | Not answered.   |
| Other Released Details   | Not answered.   |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)                                 | One of the 5 main water lines from the 3 phases developed a large pin hole. The Lease Operator shut in all the wells to stop the leak. The leak was on the pad, not in a lined containment, and did not go offsite. 23 bbls spilled. 20 bbls recovered. |

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**Oil Conservation Division**  
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QUESTIONS, Page 2

Action 390157

**QUESTIONS (continued)**

|   |                |
|---|----------------|
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|   | 6137           |
|   | Action Number: |
|   | 390157         |
| Action Type:  |                |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure)   |                |

**QUESTIONS**

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

**Initial Response**

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

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

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Dale Woodall<br>Title: EHS Professional<br>Email: Dale.Woodall@dmv.com<br>Date: 10/04/2024 |
|--|--|



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QUESTIONS, Page 3

Action 390157

**QUESTIONS (continued)**

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

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

|  |                                |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 51 and 75 (ft.)        |
| What method was used to determine the depth to ground water  | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water   | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>   |                                |
| A continuously flowing watercourse or any other significant watercourse  | Greater than 5 (mi.)           |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)  | Greater than 5 (mi.)           |
| An occupied permanent residence, school, hospital, institution, or church  | Greater than 5 (mi.)           |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes  | Greater than 5 (mi.)           |
| Any other fresh water well or spring   | Greater than 5 (mi.)           |
| Incorporated municipal boundaries or a defined municipal fresh water well field  | Greater than 5 (mi.)           |
| A wetland  | 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                        |            |
| On what date will (or did) the final sampling or liner inspection occur     | 09/06/2024 |
| On what date will (or was) the remediation complete(d)                      | 09/06/2024 |
| 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        | 20         |
| What is the estimated surface area (in square feet) that will be remediated | 0          |
| What is the estimated volume (in cubic yards) that will be remediated       | 20         |

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

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

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QUESTIONS, Page 4

Action 390157

**QUESTIONS (continued)**

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

**QUESTIONS**

|  |  |
|--|--|
| <b>Remediation Plan (continued)</b>  |  |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>   |  |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>   |  |
| <i>(Select all answers below that apply.)</i>  |  |
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)  | Yes  |
| Which OCD approved facility will be used for <b>off-site</b> disposal  | R360 ARTESIA LLC LANDFARM [FEEM0112340644]   |
| <b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal  | Not answered.  |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state   | Not answered.  |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility   | Not answered.  |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)  | Not answered.  |
| (In Situ) Soil Vapor Extraction  | Not answered.  |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)  | Not answered.  |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)   | Not answered.  |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)   | Not answered.  |
| Ground Water Abatement pursuant to 19.15.30 NMAC   | Not answered.  |
| OTHER (Non-listed remedial process)  | Not answered.  |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>   |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |  |
| I hereby agree and sign off to the above statement   | Name: Dale Woodall<br>Title: EHS Professional<br>Email: Dale.Woodall@dmn.com<br>Date: 10/04/2024 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>  |  |



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QUESTIONS, Page 5  
  
Action 390157

QUESTIONS (continued)

|   |   |
|---|---|
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|   | Action Number:<br>390157  |
|   | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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QUESTIONS, Page 6

Action 390157

**QUESTIONS (continued)**

|   |                |   |
|---|----------------|---|
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|   |                |   |

**QUESTIONS**

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

**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   | <b>Yes</b>   |
| Have the lateral and vertical extents of contamination been fully delineated   | <b>Yes</b>   |
| Was this release entirely contained within a lined containment area  | <b>No</b>  |
| 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   | <b>Yes</b>   |
| What was the total surface area (in square feet) remediated  | <b>0</b>   |
| What was the total volume (cubic yards) remediated   | <b>20</b>  |
| 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 | <b>Yes</b>   |
| What was the total surface area (in square feet) reclaimed   | <b>0</b>   |
| What was the total volume (in cubic yards) reclaimed   | <b>20</b>  |
| Summarize any additional remediation activities not included by answers (above)  | <b>Devon Energy scraped 20 yds of surface staining, no futther remediation was required.</b> |

*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 | <b>Name: Dale Woodall</b><br><b>Title: EHS Professional</b><br><b>Email: Dale.Woodall@dmn.com</b><br><b>Date: 10/04/2024</b> |
|--|--|

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

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

QUESTIONS, Page 7  
  
Action 390157

QUESTIONS (continued)

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

QUESTIONS

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

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CONDITIONS  
  
Action 390157

CONDITIONS

|   |                |
|---|----------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:         |
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CONDITIONS

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