



---

# SITE ASSESSMENT, REMEDIATION, AND CLOSURE REPORT

---

## **Cotton Draw Unit #135H**

Incident ID NAB1604335172

API: 30-015-38533

Prepared By:  
Pima Environmental Services, LLC

Prepared For:  
Devon Energy Production, LP

JANUARY 28, 2025

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

Pima Environmental Services

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



January 28, 2025

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

Bureau of Land Management  
620 East Green Street  
Carlsbad, NM 88220

**Re: Site Assessment, Remediation, and Closure Report**  
**Cotton Draw Unit #135H**  
**API No. 30-015-38533**  
**GPS: Latitude 32.1527023 Longitude -103.7520752**  
**UL -- N, Sec. 2, T25S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAB1604335172**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a site assessment, remediation, and write this closure report for a crude oil release that occurred on January 12, 2016, at the Cotton Draw Unit #135H (CDU). The initial C-141 was submitted on February 10, 2016 (Appendix C). This incident was assigned Incident ID NAB1604335172 by the New Mexico Oil Conservation Division (NMOCD).

### Site Characterization

The CDU is located approximately twenty (20) miles southeast of Malaga, NM. This spill site is in Unit N, Section 2, Township 25S, Range 31E, Latitude 32.1527023 Longitude -103.7520752, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene). The soil in this area is made up of Berino complex, 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 low potential for karst geology to be present in the area of the CDU (Figure 3). Reference Figure 2 for a Topographic Map.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 406.45 feet BGS. The closest waterway is the Pecos River, located approximately 12.79 miles to the southwest of this location. See Appendix A for referenced water surveys.

| Table 1 NMAC and Closure Criteria 19.15.29 |                      |             |             |          |          |
|--------------------------------------------|----------------------|-------------|-------------|----------|----------|
| Depth to Groundwater (Appendix A)          | Constituent & Limits |             |             |          |          |
|                                            | Chlorides            | Total TPH   | GRO+DRO     | BTEX     | Benzene  |
| <50'                                       | 600 mg/kg            | 100 mg/kg   |             | 50 mg/kg | 10 mg/kg |
| 51-100'                                    | 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 |

### Release Information

**Release Information NAB1604335172:** On January 12, 2016, The LACT unit pump housing broke resulting in a 180-barrel release of crude oil. The tank load line valves were immediately shut down to prevent further release. The approximate affected area was 150 feet by 75 feet east of the LACT unit. All 180 barrels of crude oil remained on location. A vacuum truck recovered approximately 175 barrels of the released crude oil.



### Site Assessment, and Soil Sampling Results

On June 26<sup>th</sup>, 2023, Pima Environmental mobilized personnel to assess the impacted area. Pima collected a total of thirty soil samples for laboratory analysis. Six bottom samples (S1-S6) were collected at various depths to determine vertical delineation. Additionally, sidewall samples (SW1-SW6) were collected at a depth of 6 inches to determine horizontal delineation. An Initial Site Map can be found in Figure 4.

#### 6-26-2023 Soil Sample Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |            |               |                                |           |           |                 |          |
|--------------------------------------------------------------------------------|-------------|------------|---------------|--------------------------------|-----------|-----------|-----------------|----------|
| DEVON ENERGY - COTTON DRAW UNIT 135H                                           |             |            |               |                                |           |           |                 |          |
| Sample Date: 6-26-2023                                                         |             |            |               | NM Approved Laboratory Results |           |           |                 |          |
| Sample ID                                                                      | Depth (BGS) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg                      | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| S-1                                                                            | 1'          | ND         | ND            | ND                             | 197       | 259       | 456             | ND       |
|                                                                                | 3'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
|                                                                                | 4'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
|                                                                                | 5'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
| S-2                                                                            | 1'          | ND         | ND            | ND                             | 40.7      | 71.9      | 112.6           | ND       |
|                                                                                | 3'          | ND         | ND            | ND                             | ND        | ND        | 0               | 29       |
|                                                                                | 4'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
|                                                                                | 5'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
| S-3                                                                            | 1'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
|                                                                                | 3'          | ND         | ND            | ND                             | ND        | ND        | 0               | 52.3     |
|                                                                                | 4'          | ND         | ND            | ND                             | ND        | ND        | 0               | 75.3     |
|                                                                                | 5'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
| S-4                                                                            | 1'          | ND         | ND            | ND                             | ND        | ND        | 0               | 39.3     |
|                                                                                | 3'          | ND         | ND            | ND                             | ND        | ND        | 0               | 52.8     |
|                                                                                | 4'          | ND         | ND            | ND                             | ND        | ND        | 0               | 82       |
|                                                                                | 5'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
| S-5                                                                            | 1'          | ND         | ND            | ND                             | 396       | 400       | 796             | ND       |
|                                                                                | 3'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
|                                                                                | 4'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
|                                                                                | 5'          | ND         | ND            | ND                             | ND        | ND        | 0               | ND       |
| S-6                                                                            | 1'          | ND         | ND            | ND                             | ND        | ND        | 0               | 116      |
|                                                                                | 3'          | ND         | ND            | ND                             | ND        | ND        | 0               | 138      |
|                                                                                | 4'          | ND         | ND            | ND                             | 44.7      | 56.9      | 101.6           | 171      |
|                                                                                | 5'          | 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       |

ND/0- Analyte Not Detected

Complete Laboratory Reports are attached in Appendix E.



Based on the soil sample results, a remediation closure report was submitted to the NMOCD on July 18, 2023, under Application ID: 239928 but was rejected by the NMOCD for the following reasons:

**Countermeasures Due to Closure Rejection: (239928)**

On July 18, 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#) NAB1604335172.

- **Closure denied. The submitted samples do not meet the sampling requirements of 19.15.29.12 D NMAC. Additional delineation required in areas of TPH exceeding 100 ppm in the top four feet. Report refers to a produced water release when C-141 identifies the released material as oil. Submit a report by 11/20/2023.**

The rejected C-141 can be found in the OCD Online: Permitting-Action Status, under Application ID: 239928. 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."

In response to the rejected closure report, Pima personnel mobilized personnel to the CDU to conduct further sampling to complete delineation. Forty (40) bottom samples were collected at intervals of 1', 2', 3' and 4'. Six (6) composite sidewall samples were collected from 0-4'. These samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories to be analyzed for all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can be found in the data table below. A Site Map for this sampling event is referenced in Figure 5. Complete Laboratory Reports can be found in Appendix E.

10-25-24 Soil Sample Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |                                |               |           |           |           |                 |          |
|--------------------------------------------------------------------------------|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Cotton Draw Unit 135H                                             |             |                                |               |           |           |           |                 |          |
| Date: 10-25-24                                                                 |             | NM Approved Laboratory Results |               |           |           |           |                 |          |
| Sample ID                                                                      | Depth (BGS) | BTEX mg/kg                     | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| S1                                                                             | 1'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|                                                                                | 2'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|                                                                                | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|                                                                                | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| S2                                                                             | 1'          | 3.08                           | ND            | 26.6      | 5300      | 1790      | 7119.68         | ND       |
|                                                                                | 2'          | ND                             | ND            | ND        | 138       | 76.3      | 214.3           | ND       |
|                                                                                | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|                                                                                | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| S3                                                                             | 1'          | 2.39                           | ND            | 23.2      | 5370      | 1770      | 7165.59         | 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       |
| S4                                                                             | 1'          | ND                             | ND            | ND        | 96.9      | 115       | 211.9           | 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

Hobbs, NM 88240

575-964-7740



| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |                                |               |           |           |           |                 |          |
|--------------------------------------------------------------------------------|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Cotton Draw Unit 135H                                             |             |                                |               |           |           |           |                 |          |
| Date: 10-25-24                                                                 |             | 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 |
| S5                                                                             | 1'          | ND                             | ND            | ND        | 197       | 197       | 394             | 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       |
| S6                                                                             | 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       |
| S7                                                                             | 1'          | ND                             | ND            | ND        | 35.9      | ND        | 35.9            | ND       |
|                                                                                | 2'          | ND                             | ND            | ND        | 46.2      | ND        | 46.2            | ND       |
|                                                                                | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|                                                                                | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| S8                                                                             | 1'          | 6.66                           | ND            | 258       | 5400      | 1680      | 7344.66         | ND       |
|                                                                                | 2'          | ND                             | ND            | ND        | 125       | 98.6      | 223.6           | ND       |
|                                                                                | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|                                                                                | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| S9                                                                             | 1'          | 4.446                          | ND            | 192       | 9870      | 3460      | 13526.446       | 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       |
| S10                                                                            | 1'          | 0.0495                         | ND            | ND        | 1140      | 496       | 1636.0495       | 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       |
| S11                                                                            | 1'          | ND                             | ND            | ND        | 194       | 222       | 416             | 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       |
| S12                                                                            | 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       |
| S13                                                                            | 1'          | ND                             | ND            | ND        | 55        | 52.6      | 107.6           | 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 Cotton Draw Unit 135H                                             |             |                                |               |           |           |           |                 |          |
| Date: 10-25-24                                                                 |             | 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 |
| S14                                                                            | 1'          | ND                             | ND            | ND        | 38.4      | ND        | 38.4            | 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       |
| S15                                                                            | 1'          | 5.98                           | ND            | 209       | 9020      | 3070      | 12304.98        | 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       |
| S16                                                                            | 1'          | 5.07                           | ND            | 115       | 7750      | 2950      | 10820.07        | ND       |
|                                                                                | 2'          | 0.107                          | ND            | ND        | ND        | ND        | 0.107           | ND       |
|                                                                                | 3'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
|                                                                                | 4'          | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| S17                                                                            | 1'          | ND                             | ND            | ND        | 307       | 327       | 634             | 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       |
| S18                                                                            | 1'          | ND                             | ND            | ND        | 314       | 210       | 524             | 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       |
| S19                                                                            | 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       |
| S20                                                                            | 1'          | ND                             | ND            | ND        | 84.7      | 94.7      | 179.4           | 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       |
| S21                                                                            | 1'          | 10.8                           | ND            | 182       | 8520      | 2340      | 11052.8         | 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       |
| S22                                                                            | 1'          | 5.29                           | ND            | 124       | 6460      | 2030      | 8619.29         | ND       |
|                                                                                | 2'          | ND                             | ND            | ND        | 48.1      | 63.6      | 111.7           | 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 Cotton Draw Unit 135H                                             |             |                                |               |           |           |           |                 |          |
| Date: 10-25-24                                                                 |             | 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 |
| S23                                                                            | 1'          | ND                             | ND            | ND        | 151       | 169       | 320             | 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       |
| S24                                                                            | 1'          | ND                             | ND            | ND        | 141       | 139       | 280             | 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       |
| S25                                                                            | 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       |
| S26                                                                            | 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       |
| S27                                                                            | 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       |
| S28                                                                            | 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       |
| S29                                                                            | 1'          | ND                             | ND            | ND        | 30.8      | ND        | 30.8            | 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       |
| S30                                                                            | 1'          | ND                             | ND            | ND        | 117       | 55        | 172             | 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       |
| S31                                                                            | 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 Cotton Draw Unit 135H                                             |             |                                |               |           |           |           |                 |          |
| Date: 10-25-24                                                                 |             | 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 |
| S32                                                                            | 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       |
| S33                                                                            | 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       |
| S34                                                                            | 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       |
| S35                                                                            | 1'          | ND                             | ND            | ND        | 37        | ND        | 37              | 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       |
| S36                                                                            | 1'          | ND                             | ND            | ND        | 80.6      | ND        | 80.6            | 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       |
| S37                                                                            | 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       |
| S38                                                                            | 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       |
| S39                                                                            | 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       |
| S40                                                                            | 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 Cotton Draw Unit 135H                                             |             |                                |               |           |           |           |                 |          |
| Date: 10-25-24                                                                 |             | 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 |
| SW1                                                                            | COMP        | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW2                                                                            | COMP        | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW3                                                                            | COMP        | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW4                                                                            | COMP        | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW5                                                                            | COMP        | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW6                                                                            | COMP        | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |

ND/0- Analyte Not Detected

### Remediation Activities

Between January 7th and January 13<sup>th</sup>, 2025, Devon Energy conducted excavation activities using a heavy equipment operator and a Pima field technician to remediate the existing contamination. The estimated volume of soil that was remediated was based on a 200 square foot area per sample point, totaling 1,800 square feet at a depth of 1 ½' below ground surface (BGS). Resulting in the removal of approximately 100 cubic yards of contaminated soil, which was securely transported to Lea Land, LLC, an approved NMOCD oilfield waste disposal facility. An Excavation Map is referenced in Figure 6. Photographic Documentation of the excavation is referenced in Appendix D.

On January 13, 2025, Devon Energy submitted a 48-Hour Sampling Notification in preparation to conduct the confirmation sampling event on January 15, 2025. For additional details, the 48-Hour Sampling Notification can be found in Appendix C.

On January 15, 2025, a Pima field technician conducted the confirmation sampling event at the CDU. A total of nine (9) bottom composite samples were collected from the base of the excavation labeled CS1- CS9. A total of sixteen (16) composite sidewall samples were collected from the excavated area labeled CSW1-CSW16. Each soil sample was a 5-point composite sample collected from the excavated area, not exceeding a 200 square foot area from the base and walls of the excavated areas. A total of twenty-five (25) samples were collected for laboratory analysis for total chloride using EPA Method 200.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Envirotech Analytical Laboratories, in Farmington, New Mexico. A Confirmation Sample Map can be referenced in Figure 7.

The results of this confirmation sampling event are summarized in the following data table. Complete Laboratory Reports can be found in Appendix E.

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |                                |               |           |           |           |                 |          |
|--------------------------------------------------------------------------------|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Cotton Draw Unit #135H                                            |             |                                |               |           |           |           |                 |          |
| Date: 1-15-25                                                                  |             | NM Approved Laboratory Results |               |           |           |           |                 |          |
| Sample ID                                                                      | Depth (BGS) | BTEX mg/kg                     | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| CS1                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 88       |
| CS2                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 93.7     |
| CS3                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 96.1     |



| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |             |                                |               |           |           |           |                 |          |
|--------------------------------------------------------------------------------|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Cotton Draw Unit #135H                                            |             |                                |               |           |           |           |                 |          |
| Date: 1-15-25                                                                  |             | NM Approved Laboratory Results |               |           |           |           |                 |          |
| Sample ID                                                                      | Depth (BGS) | BTEX mg/kg                     | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| CS4                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 89.4     |
| CS5                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 86.9     |
| CS6                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 102      |
| CS7                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 94.3     |
| CS8                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 90.8     |
| CS9                                                                            | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 74       |
| CSW1                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 86.4     |
| CSW2                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 99.7     |
| CSW3                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 108      |
| CSW4                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 95.2     |
| CSW5                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 93.3     |
| CSW6                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 93.1     |
| CSW7                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 87.7     |
| CSW8                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 91.5     |
| CSW9                                                                           | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 89.2     |
| CSW10                                                                          | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 91.4     |
| CSW11                                                                          | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 88.6     |
| CSW12                                                                          | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 77.2     |
| CSW13                                                                          | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 98.3     |
| CSW14                                                                          | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 97.9     |
| CSW15                                                                          | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | 99.7     |
| CSW16                                                                          | 1 1/2'Comp  | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |

ND/0- Analyte Not Detected

Pima Environmental Services

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



Upon confirmation that all soil samples met the closure standards set by the New Mexico Oil Conservation Division (NMOCD), clean backfill material was brought in to restore the excavated area to its original state.

#### **Closure Request**

After careful review, Pima requests that this incident, NAB1604335172, be closed. Devon Energy has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Devon Energy Production – Jim Raley at 575-689-7597 or [jim.raley@devon.com](mailto:jim.raley@devon.com).

Pima Environmental – DelRae Geller at 806-724-5391 or [delrae@pimaoil.com](mailto:delrae@pimaoil.com).

Respectfully,

*DelRae Geller*

DelRae Geller  
Project Manager  
Pima Environmental Services, LLC.

#### **Attachments**

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Initial Site Map
- 5- Site Map
- 6- Excavation Map
- 7- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form & 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-Initial Site Map

5- Site Map

6-Excavation Map

7-Confirmation Sample Map

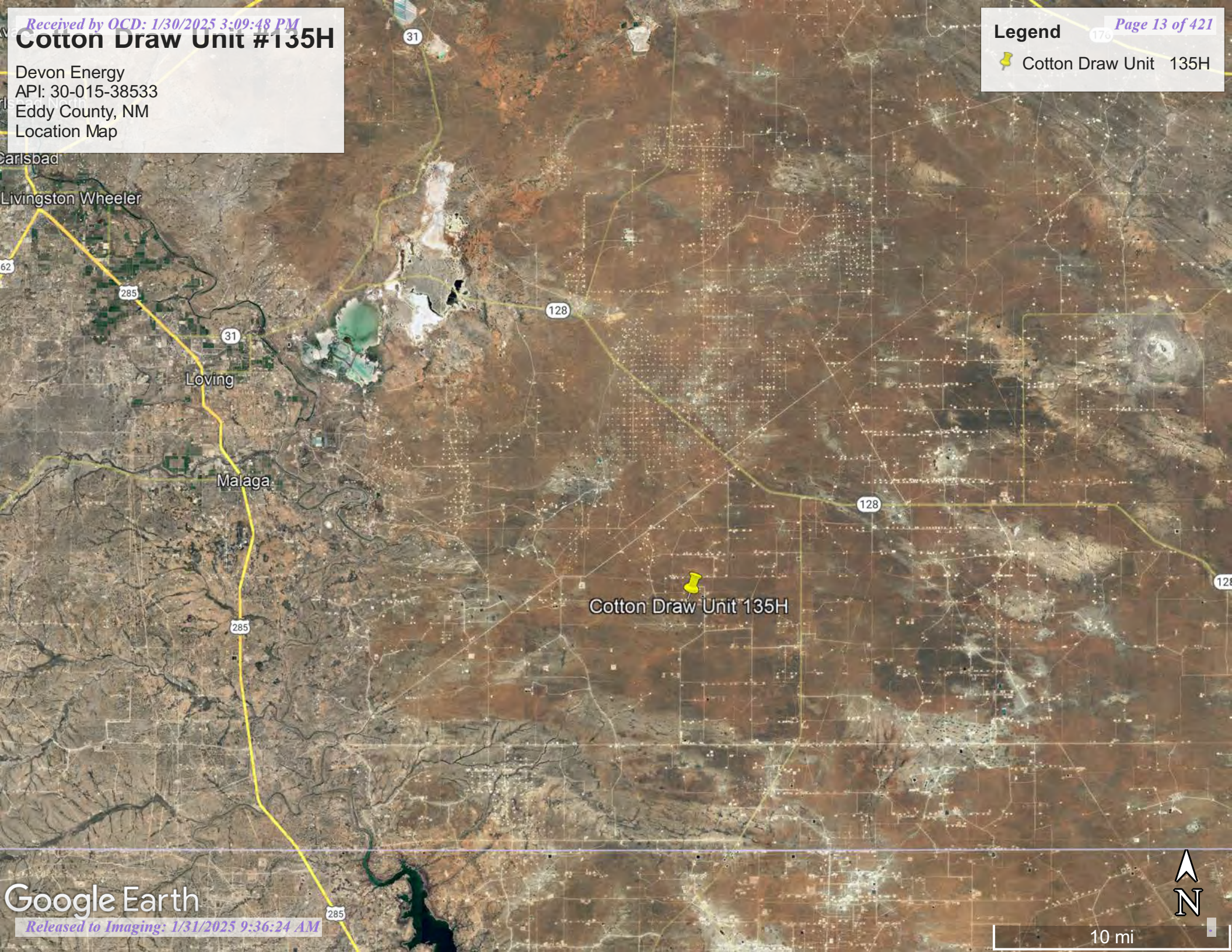


Received by OCD: 1/30/2025 3:09:48 PM  
**Cotton Draw Unit #135H**  
Devon Energy  
API: 30-015-38533  
Eddy County, NM  
Location Map

Page 13 of 421

Legend

 Cotton Draw Unit 135H



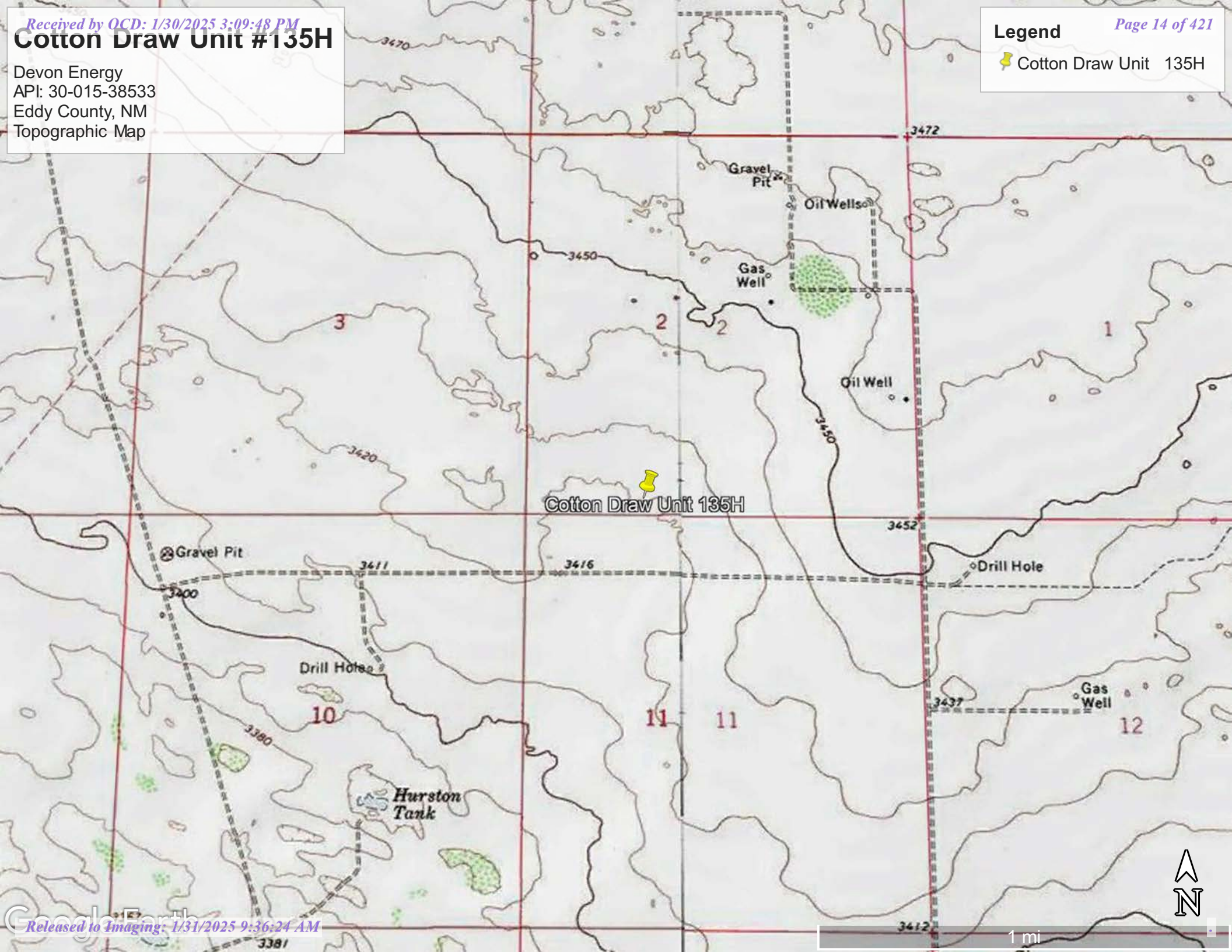


# Cotton Draw Unit #135H

Devon Energy  
API: 30-015-38533  
Eddy County, NM  
Topographic Map

## Legend

 Cotton Draw Unit 135H



# Cotton Draw Unit #135H

Devon Energy  
API: 30-015-38533  
Eddy County, NM  
Karst Map

## Legend

-  Cotton Draw Unit 135H
-  High Karst
-  Low Karst
-  Medium Karst

  
Cotton Draw Unit 135H



3 mi

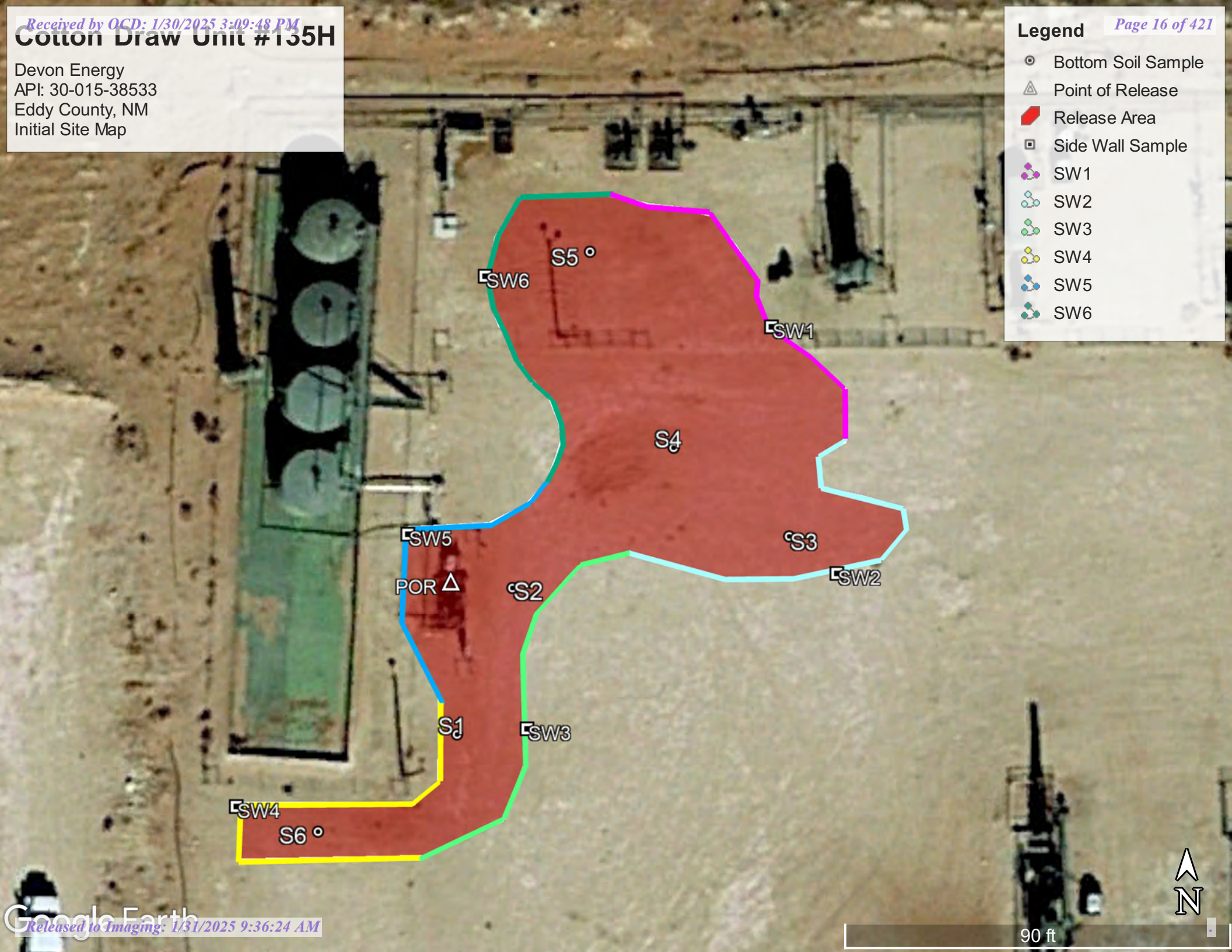


Devon Energy  
API: 30-015-38533  
Eddy County, NM  
Initial Site Map

Page 16 of 421

Legend

- Bottom Soil Sample
- Point of Release
- Release Area
- Side Wall Sample
- SW1
- SW2
- SW3
- SW4
- SW5
- SW6



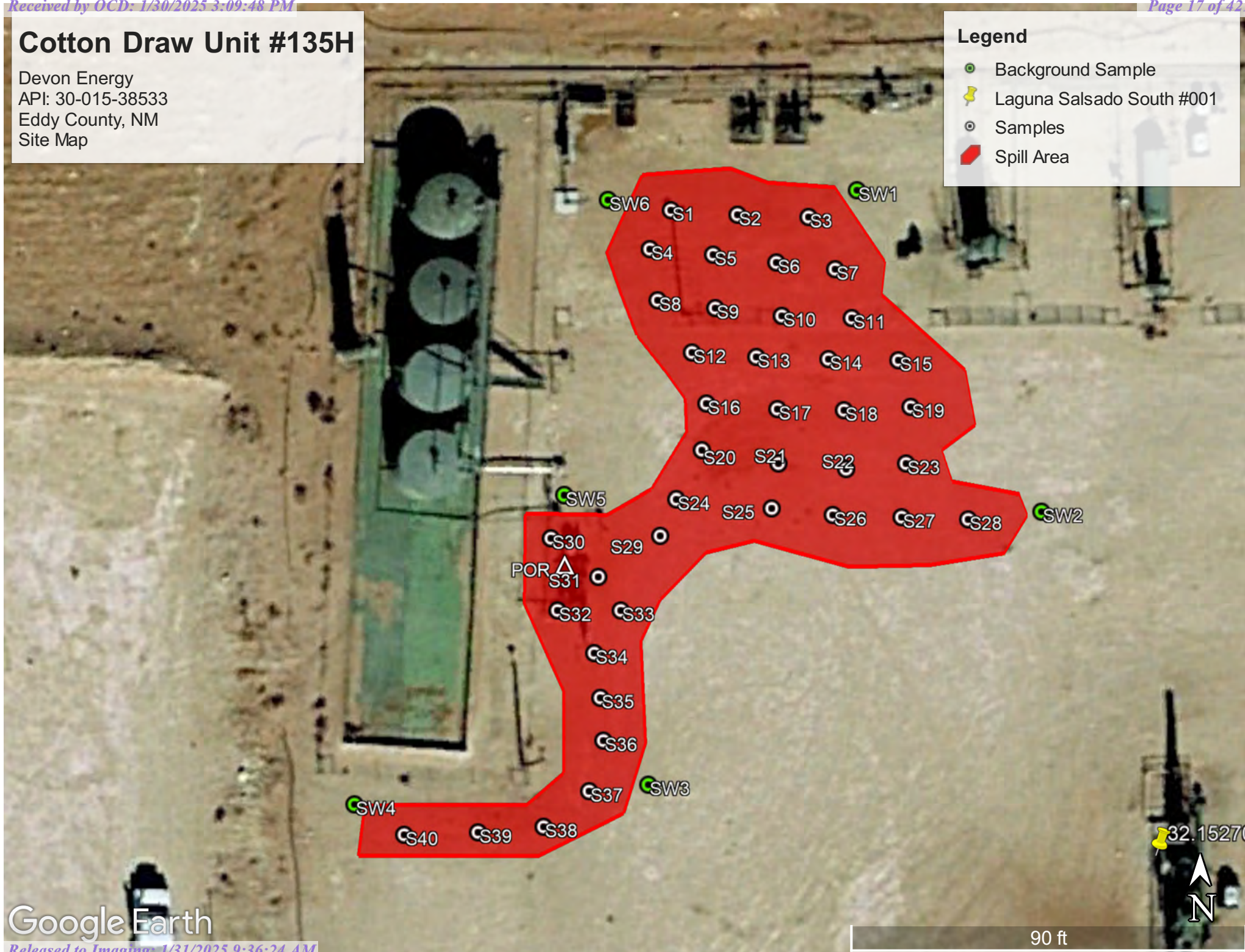


# Cotton Draw Unit #135H

Devon Energy  
API: 30-015-38533  
Eddy County, NM  
Site Map

## Legend

- Background Sample
- Laguna Salsado South #001
- Samples
- Spill Area



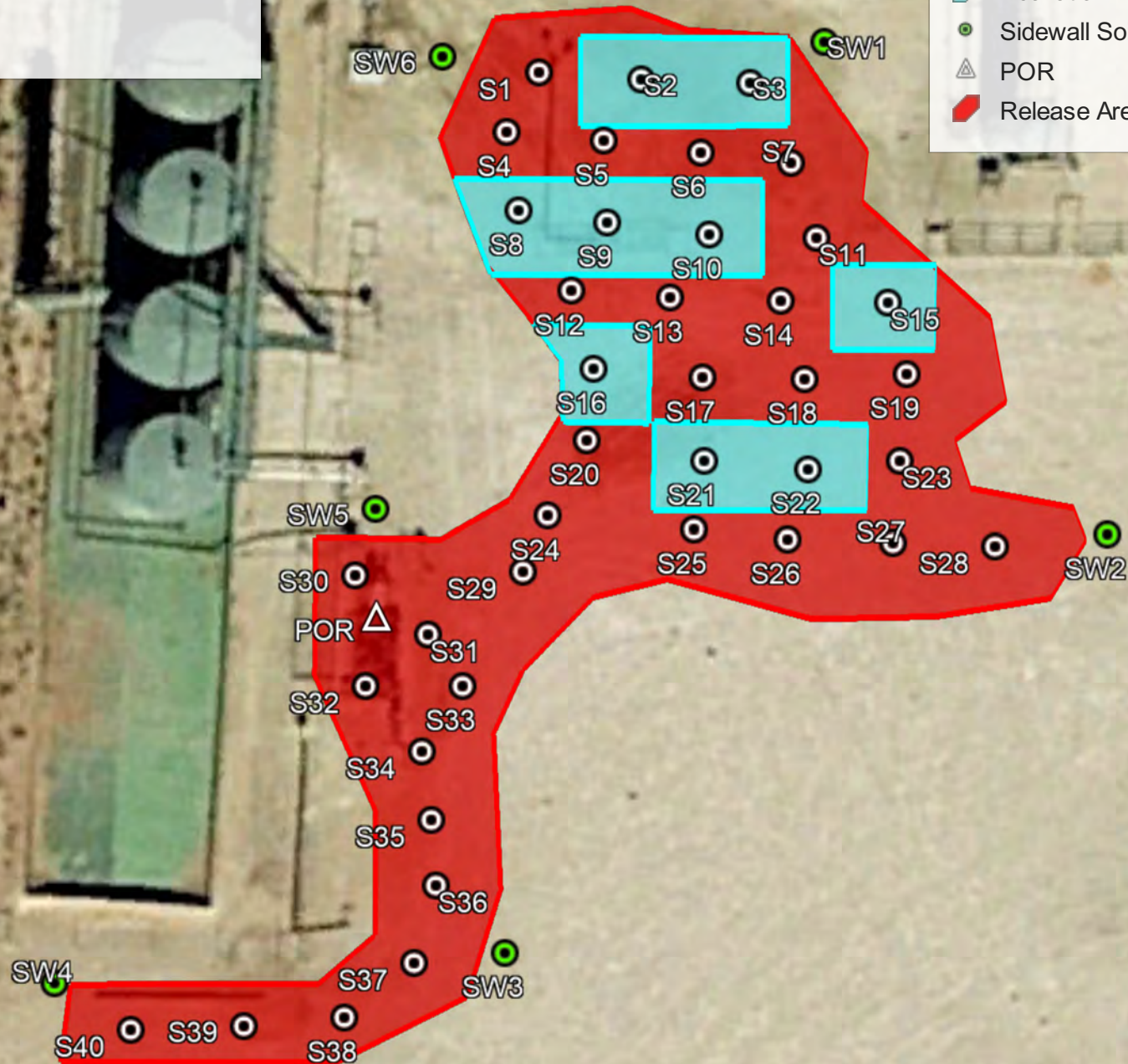


# Cotton Draw Unit #135H

Devon Energy  
API #30-015-38533  
Eddy County, NM  
Excavation Map

## Legend

- Bottom Soil Samples
- Ecavation Area 1,800 sq ft 1 1/2' deep
- Sidewall Soil Samples
- △ POR
- Release Area



Google Earth

80 ft

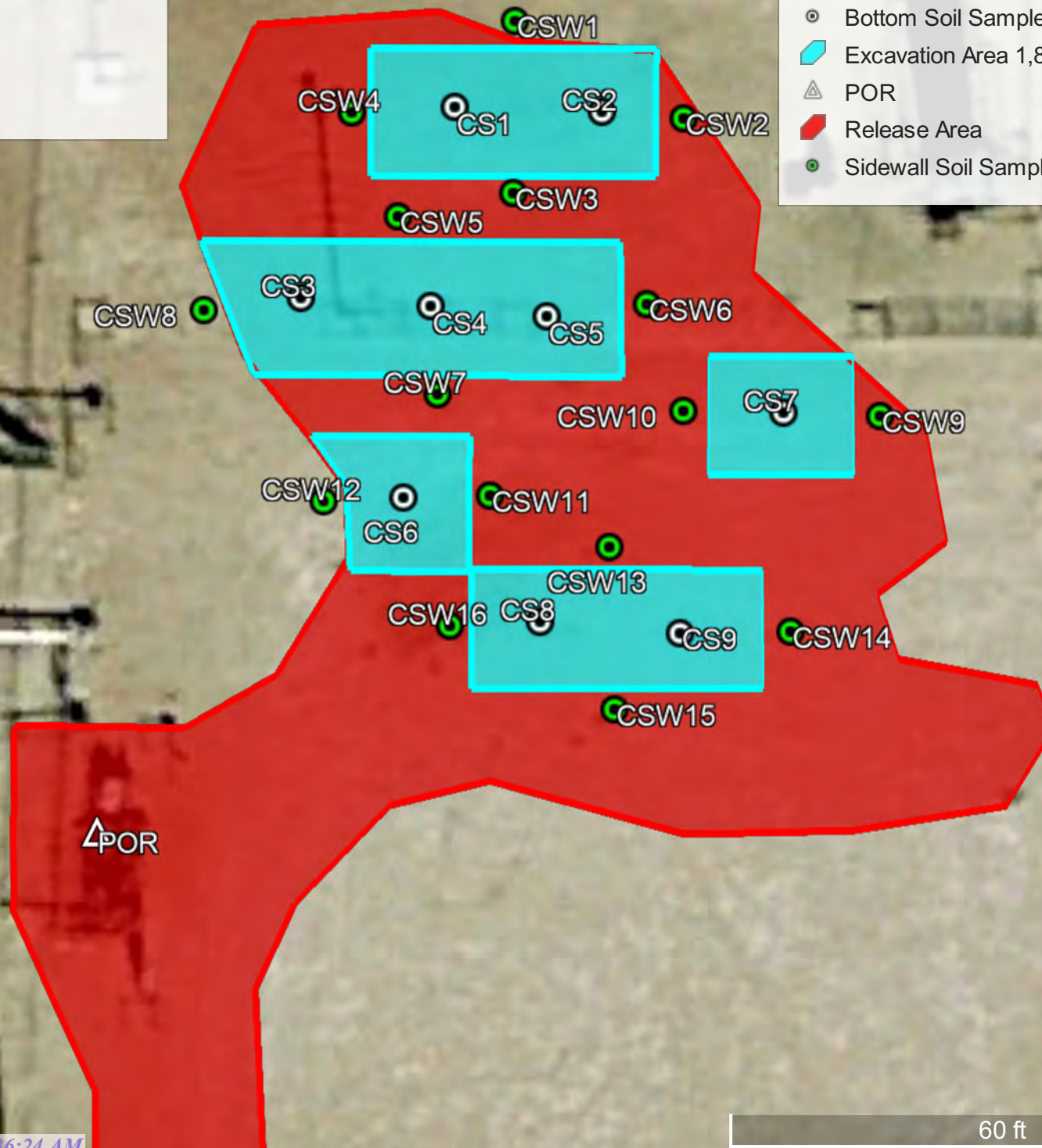


# Cotton Draw Unit #135H

Devon Energy  
API # 30-015-38533  
Eddy County, NM  
Confirmation Sample Map

## Legend

- Bottom Soil Samples
- Excavation Area 1,800 sq ft 1 1/2' deep
- △ POR
- Release Area
- Sidewall Soil Samples





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 | Tws | Rng | X      | Y        | Distance | DepthWell | DepthWater | Water Column |
|------------------------------|------|---------------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|
| <a href="#">C 04632 POD1</a> |      | CUB           | ED     | 1    | 2    | 2   | 10  | 25S | 31E | 616802 | 3557964  | 886      | 55        |            |              |
| <a href="#">C 03830 POD1</a> |      | CUB           | ED     | 4    | 2    | 4   | 02  | 25S | 31E | 618632 | 3558432  | 1022     | 450       |            |              |
| <a href="#">C 02570</a>      |      | CUB           | ED     | 4    | 2    | 4   | 02  | 25S | 31E | 618704 | 3558489* | 1109     | 895       |            |              |
| <a href="#">C 02569</a>      |      | CUB           | ED     | 4    | 4    | 2   | 02  | 25S | 31E | 618699 | 3558891* | 1317     | 1016      |            |              |
| <a href="#">C 02573</a>      |      | CUB           | ED     | 1    | 4    | 2   | 02  | 25S | 31E | 618499 | 3559091* | 1321     |           |            |              |
| <a href="#">C 02571</a>      |      | CUB           | ED     | 4    | 1    | 2   | 02  | 25S | 31E | 618292 | 3559294* | 1383     | 860       |            |              |
| <a href="#">C 02574</a>      |      | CUB           | ED     | 1    | 1    | 2   | 02  | 25S | 31E | 618092 | 3559494* | 1499     |           |            |              |
| <a href="#">C 02572</a>      |      | CUB           | ED     | 4    | 2    | 2   | 02  | 25S | 31E | 618695 | 3559294* | 1602     | 852       |            |              |
| <a href="#">C 02568</a>      |      | CUB           | ED     | 4    | 3    | 1   | 01  | 25S | 31E | 619103 | 3558892* | 1649     | 1025      |            |              |
| <a href="#">C 04593 POD1</a> |      | CUB           | ED     | 3    | 4    | 4   | 34  | 24S | 31E | 616903 | 3559674  | 1802     | 55        |            |              |
| <a href="#">C 04635 POD1</a> |      | CUB           | ED     | 4    | 3    | 4   | 01  | 25S | 31E | 619958 | 3558078  | 2273     | 55        |            |              |
| <a href="#">C 04633 POD1</a> |      | CUB           | ED     | 2    | 1    | 1   | 35  | 24S | 31E | 617394 | 3561170  | 3132     |           |            |              |
| <a href="#">C 04636 POD1</a> |      | CUB           | ED     | 3    | 4    | 3   | 25  | 24S | 31E | 619200 | 3561279  | 3566     |           |            |              |
| <a href="#">C 04643 POD1</a> |      | C             | ED     | 4    | 2    | 2   | 05  | 23S | 27E | 619200 | 3561279  | 3566     | 305       | 135        | 170          |
| <a href="#">C 04479 POD1</a> |      | CUB           | ED     | 2    | 1    | 1   | 04  | 25S | 31E | 614182 | 3559400  | 3753     | 0         | 0          | 0            |
| <a href="#">C 04620 POD1</a> |      | CUB           | LE     | 4    | 3    | 4   | 06  | 25S | 32E | 621445 | 3558018  | 3760     | 55        |            |              |
| <a href="#">C 04654 POD1</a> |      | CUB           | ED     | 3    | 3    | 4   | 25  | 24S | 31E | 619764 | 3561226  | 3796     | 55        |            |              |
| <a href="#">C 04618 POD1</a> |      | CUB           | LE     | 3    | 4    | 3   | 18  | 25S | 32E | 621041 | 3554886  | 4612     | 55        |            |              |

Average Depth to Water: **67 feet**

Minimum Depth: **0 feet**

Maximum Depth: **135 feet**

**Record Count:** 18

**UTM NAD83 Radius Search (in meters):**

**Easting (X):** 617684.72

**Northing (Y):** 3558050.5

**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.

2/15/23 9:26 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

|                          |                 | (quarters are 1=NW 2=NE 3=SW 4=SE) |     |    |     | (quarters are smallest to largest) |     | (NAD83 UTM in meters) |                                                                                             |
|--------------------------|-----------------|------------------------------------|-----|----|-----|------------------------------------|-----|-----------------------|---------------------------------------------------------------------------------------------|
| Well Tag                 | POD Number      | Q64                                | Q16 | Q4 | Sec | Tws                                | Rng | X                     | Y                                                                                           |
| NA                       | C 04632 POD1    | 1                                  | 2   | 2  | 10  | 25S                                | 31E | 616802                | 3557964  |
| <hr/>                    |                 |                                    |     |    |     |                                    |     |                       |                                                                                             |
| <b>Driller License:</b>  | 1249            | <b>Driller Company:</b>            |     |    |     | ATKINS ENGINEERING ASSOC. INC.     |     |                       |                                                                                             |
| <b>Driller Name:</b>     | JACKIE D ATKINS |                                    |     |    |     |                                    |     |                       |                                                                                             |
| <b>Drill Start Date:</b> | 06/08/2022      | <b>Drill Finish Date:</b>          |     |    |     | 06/08/2022                         |     | <b>Plug Date:</b>     | 06/14/2022                                                                                  |
| <b>Log File Date:</b>    | 06/16/2022      | <b>PCW Rcv 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>                 |     |    |     | 55 feet                            |     | <b>Depth Water:</b>   |                                                                                             |
| <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.

7/11/23 3:44 PM

POINT OF DIVERSION SUMMARY



# Cotton Draw Unit #135H

Devon Energy  
API: 30-015-38533  
Eddy County, NM  
OSE Pod Map

## Legend

-  C-04632-POD1
-  Cotton Draw Unit #135H
-  0.50 Miles

C-04632-POD1

Cotton Draw Unit #135H

Google Earth



1000 ft





[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.
- [Full News](#)

Groundwater levels for the Nation



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

## Search Results -- 1 sites found

site\_no list =

- 320932103443801

Minimum number of levels = 1

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

## USGS 320932103443801 25S.31E.02.23441

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°09'37.4", Longitude 103°44'29.6" NAD83

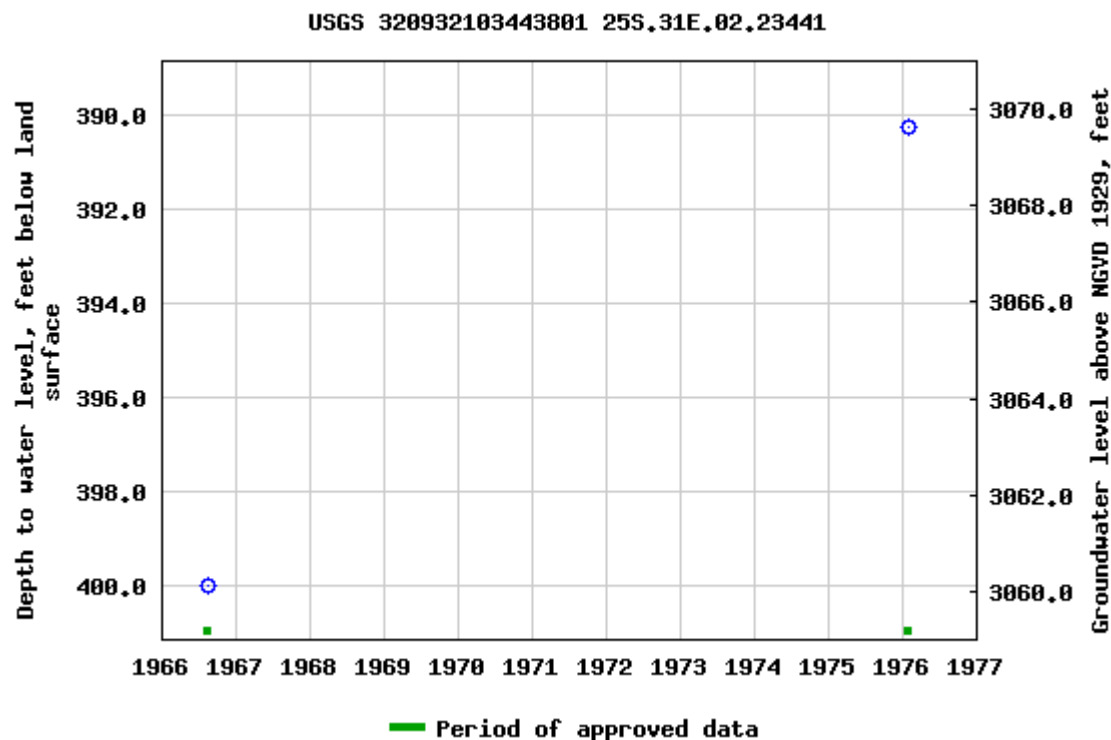
Land-surface elevation 3,460.00 feet above NGVD29

The depth of the well is 1,016 feet below land surface.

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

### Output formats

[Table of data](#)
[Tab-separated data](#)
[Graph of data](#)
[Reselect period](#)


Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)



# Cotton Draw Unit #135H

Devon Energy  
API: 30-015-38533  
Eddy County, NM  
USGS Map

## Legend

-  Cotton Draw Unit #135H
-  0.82 Miles
-  USGS 320932103443801

Cotton Draw Unit #135H

USGS 320932103443801

County Rd 1-B

Google Earth

2000 ft



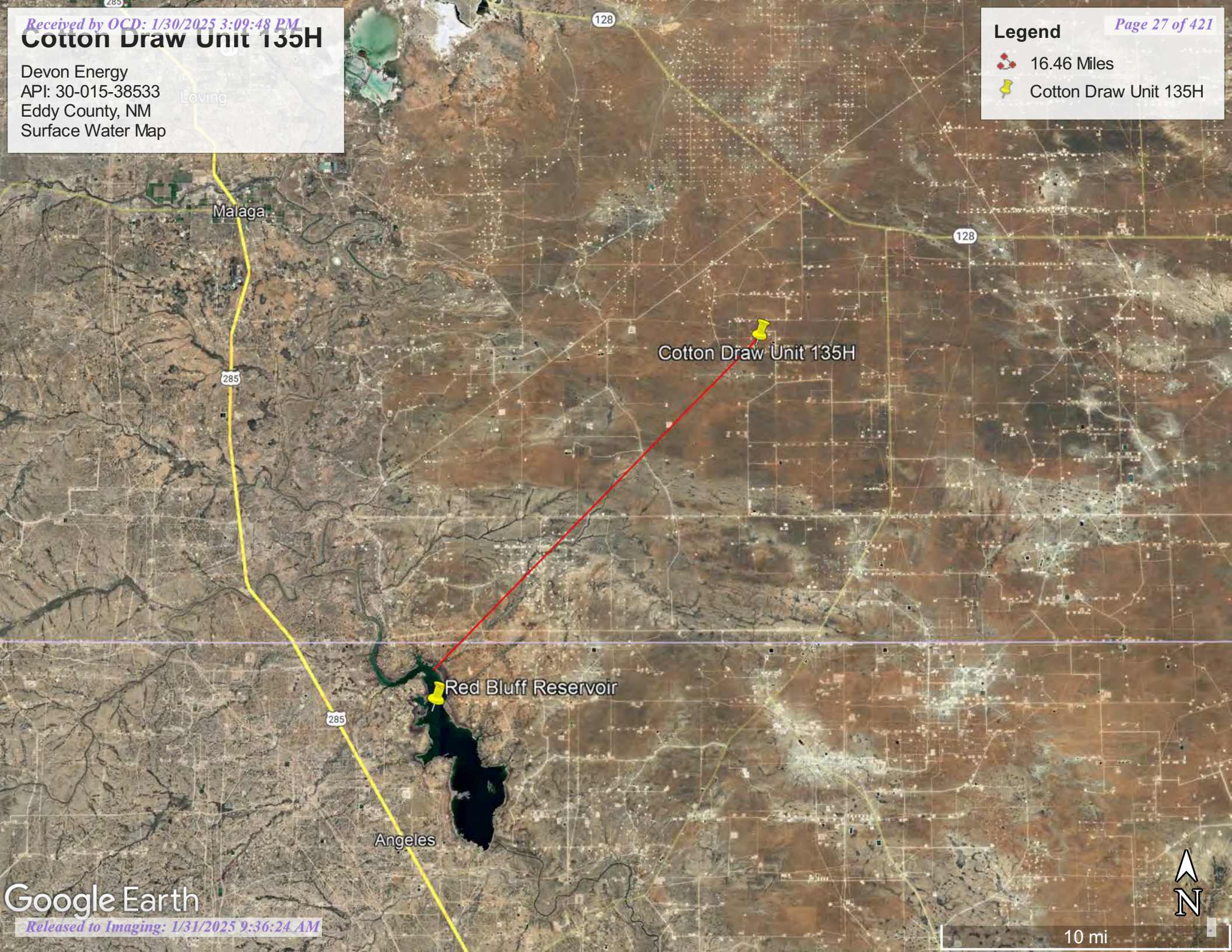


Devon Energy  
API: 30-015-38533  
Eddy County, NM  
Surface Water Map

Legend

 16.46 Miles

 Cotton Draw Unit 135H







Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map



Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

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

#### Description of Berino

##### Setting

*Landform:* Plains, fan piedmonts

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 17 inches:* fine sand

*H2 - 17 to 58 inches:* sandy clay loam

*H3 - 58 to 60 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

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

### Description of Pajarito

#### Setting

*Landform: Dunes, plains, interdunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Convex, linear*  
*Parent material: Mixed alluvium and/or eolian sands*

#### Typical profile

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 72 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: Very low*  
*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: 40 percent*  
*Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)*

#### Interpretive groups

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Minor Components

#### Pajarito

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Wink

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Cacique

*Percent of map unit: 4 percent*



Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Ecological site:* R070BD004NM - Sandy

*Hydric soil rating:* No

**Kermit**

*Percent of map unit:* 3 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022





# Cotton Draw Unit #135H

Devon Energy  
API: 30-015-38533  
Eddy County, NM  
Geologic Unit Map

## Legend

 Eolian and piedmont deposits

Cotton Draw Unit #135H

Google Earth

Image © 2025 Airbus

Released to Imaging: 1/31/2025 9:36:24 AM

3000 ft





# Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

11/26/2024  
Page 1 of 3

## Soil Map—Eddy Area, New Mexico

## 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: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

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 |
|-----------------------------|-----------------------------------------------|--------------|----------------|
| BB                          | Berino complex, 0 to 3 percent slopes, eroded | 7.6          | 100.0%         |
| Totals for Area of Interest |                                               | 7.6          | 100.0%         |

# National Flood Hazard Layer FIRMette



103°45'26"W 32°9'25"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>Zone A, V, A99                                                                                                              |
|                             |  | With BFE or Depth Zone AE, AO, AH, VE, AR                                                                                                                         |
|                             |  | Regulatory Floodway                                                                                                                                               |
| OTHER AREAS OF FLOOD HAZARD |  | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
|                             |  | Future Conditions 1% Annual Chance Flood Hazard Zone X                                                                                                            |
|                             |  | Area with Reduced Flood Risk due to Levee. See Notes. Zone X                                                                                                      |
|                             |  | Area with Flood Risk due to Levee Zone D                                                                                                                          |
| OTHER AREAS                 |  | NO SCREEN Area of Minimal Flood Hazard Zone X                                                                                                                     |
|                             |  | Effective LOMRs                                                                                                                                                   |
|                             |  | Area of Undetermined Flood Hazard Zone D                                                                                                                          |
| GENERAL STRUCTURES          |  | Channel, Culvert, or Storm Sewer                                                                                                                                  |
|                             |  | Levee, Dike, or Floodwall                                                                                                                                         |
| OTHER FEATURES              |  | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation                                                                                                 |
|                             |  | 17.5 Coastal Transect                                                                                                                                             |
|                             |  | Base Flood Elevation Line (BFE)                                                                                                                                   |
|                             |  | Limit of Study                                                                                                                                                    |
|                             |  | Jurisdiction Boundary                                                                                                                                             |
|                             |  | Coastal Transect Baseline                                                                                                                                         |
|                             |  | Profile Baseline                                                                                                                                                  |
| MAP PANELS                  |  | Digital Data Available                                                                                                                                            |
|                             |  | No Digital Data Available                                                                                                                                         |
|                             |  | Unmapped                                                                                                                                                          |

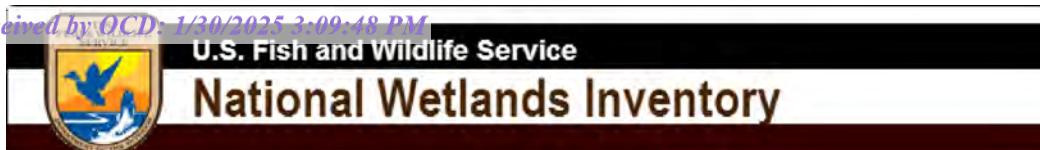
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 2/15/2023 at 11:27 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Wetlands Map



February 15, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

**Appendix C**

C-141 Form

48-Hour Sampling Notification



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

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

ARTESIA DISTRICT

FEB 11 2016

Form C-141  
Revised August 8, 2011Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

RECEIVED

## Release Notification and Corrective Action

NAB1604335172

## OPERATOR

☒ Initial Report ☐ Final Report

|                 |                                         |               |                                               |
|-----------------|-----------------------------------------|---------------|-----------------------------------------------|
| Name of Company | Devon Energy Production Company         | Contact       | Matthew Nettles, Assistant Production Foreman |
| Address         | 6488 Seven Rivers Hwy Artesia, NM 88210 | Telephone No. | 575-513-5767                                  |
| Facility Name   | Cotton Draw Unit #135H                  | Facility Type | Oil                                           |

|               |         |               |       |        |              |
|---------------|---------|---------------|-------|--------|--------------|
| Surface Owner | Federal | Mineral Owner | State | API No | 30-015-38533 |
|---------------|---------|---------------|-------|--------|--------------|

## LOCATION OF RELEASE

|             |         |          |       |               |                  |               |                |        |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| N           | 2       | 25S      | 31E   | 200           | South            | 1600          | West           | Eddy   |

Latitude: N 32.15°27.67 Longitude: W 103.75°20.49

## NATURE OF RELEASE

|                             |                                                                                                           |                                          |                                                      |                            |                    |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------|----------------------------|--------------------|
| Type of Release             | Spill Oil                                                                                                 | Volume of Release                        | 180 BBLS                                             | Volume Recovered           | 175 BBLS           |
| Source of Release           | Lact Unit pump housing                                                                                    | Date and Hour of Occurrence              | 1/12/2016 @ 8:30pm                                   | Date and Hour of Discovery | 1/12/2016 @ 8:30pm |
| Was Immediate Notice Given? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?                         | OCD-Mike Bratcher<br>BLM-Jim Amos                    |                            |                    |
| By Whom?                    | Lolo Martinez, Lease Operator                                                                             | Date and Hour                            | OCD- 1/12/2016 @ 10:35pm<br>BLM- 1/12/2016 @ 10:30pm |                            |                    |
| Was a Watercourse Reached?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                       | If YES, Volume Impacting the Watercourse | N/A                                                  |                            |                    |

If a Watercourse was Impacted, Describe Fully.\* N/A

## Describe Cause of Problem and Remedial Action Taken.\*

The Lact unit pump housing broke resulting in a release from the Lact unit. The tank load line valves were immediately shut down to prevent further release.

## Describe Area Affected and Cleanup Action Taken.\*

180 BBLS of oil was released from the Lact unit onto location. The approximate area affected was 150ft x 75ft East of the Lact unit. All 180 BBLS oil released remained on location. None of the released fluid left location. Vacuum truck recovered approximately 175 BBLS of the released oil. Environmental Agency, Talon Lpe was contacted and has developed a work plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Sarah Gallegos-Troublefield

Printed Name: Sarah Gallegos-Troublefield

Title: Field Admin Support

E-mail Address: Sarah.Gallegos-Troublefield@dmv.com

Date: 2/11/2016 Phone: 575.748.1864

## OIL CONSERVATION DIVISION

Signed By: Mike Bratcher

Approved by Environmental Specialist:

Approval Date: 2/12/16 Expiration Date: N/A

Conditions of Approval: ☐ Remediation per O.C.D. Rules & Guidelines

SUBMIT REMEDIATION PROPOSAL NO

LATER THAN: 3/12/16

\* Attach Additional Sheets If Necessary

2RP-3551

**Bratcher, Mike, EMNRD**

---

**From:** Gallegos-Troublefield, Sarah <Sarah.Gallegos-Troublefield@dvn.com>  
**Sent:** Thursday, February 11, 2016 4:03 PM  
**To:** Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; jamos@blm.gov; stucker@blm.gov  
**Cc:** Scrogum, Sandy  
**Subject:** Cotton Draw Unit #135H\_180 BBLS Oil-1-12-16  
**Attachments:** Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-Initial C-141.doc; Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-GIS Image.pdf; Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-Pic 1 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-Pic 2 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-Pic 3 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-Pic 4 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-Pic 5 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil\_1-12-16-Pic 6 of 6.jpg

Good afternoon,

Attached is the Initial C-141, GIS Image and 6 photos of the 180 BBLS Oil release that occurred at the Cotton Draw Unit #135H on 1/12/2016. Please be advised that the blue dot in the GIS Image represents the approximate location of the origin of the release.

Please contact me for any question you may have.

Thank you very much!

Respectfully,

*Sarah Gallegos-Troublefield*  
Field Admin Support  
Production

**Devon Energy Corporation**  
P.O. Box 250  
Artesia, NM 88211  
575 748 1864 Direct Line



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.



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 419972

**QUESTIONS**

|                                                                                                       |                                                            |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                             |
|                                                                                                       | Action Number:<br>419972                                   |
|                                                                                                       | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| Prerequisites    |                                                     |
|------------------|-----------------------------------------------------|
| Incident ID (n#) | nAB1604335172                                       |
| Incident Name    | NAB1604335172 COTTON DRAW UNIT #135H @ 30-015-38533 |
| Incident Type    | Oil Release                                         |
| Incident Status  | Remediation Plan Approved                           |
| Incident Well    | [30-015-38533] COTTON DRAW UNIT #135H               |

| Location of Release Source |                        |
|----------------------------|------------------------|
| Site Name                  | COTTON DRAW UNIT #135H |
| Date Release Discovered    | 01/12/2016             |
| Surface Owner              | Federal                |

| Sampling Event General Information                                                              |                              |
|-------------------------------------------------------------------------------------------------|------------------------------|
| Please answer all the questions in this group.                                                  |                              |
| What is the sampling surface area in square feet                                                | 1,800                        |
| What is the estimated number of samples that will be gathered                                   | 25                           |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 01/15/2025                   |
| Time sampling will commence                                                                     | 11:00 AM                     |
| Please provide any information necessary for observers to contact samplers                      | Andrew Franco (806) 200-0054 |
| Please provide any information necessary for navigation to sampling site                        | 32.1527023, -103.7520752     |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 419972

CONDITIONS

|                                                                                                       |                                                            |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                             |
|                                                                                                       | Action Number:<br>419972                                   |
|                                                                                                       | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

|            |                                                                                                                                                                                                       |                |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Created By | Condition                                                                                                                                                                                             | Condition Date |
| jralej     | 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. | 1/13/2025      |





Pima Environmental Services

## **Appendix D**

Photographic Documentation



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #135H

### Assessment :



Site Information Sign.



Photograph of site tech assessing the area facing southwest.



Photograph of site tech assessing the area facing northwest.



Photograph of site tech assessing the area facing east.





Photograph of site tech assessing the area facing northwest.



Photograph of site tech assessing the area facing southwest.



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Cotton Draw Unit #135H**

### Pre- Excavation:



Photo taken pursuant to excavation facing west.

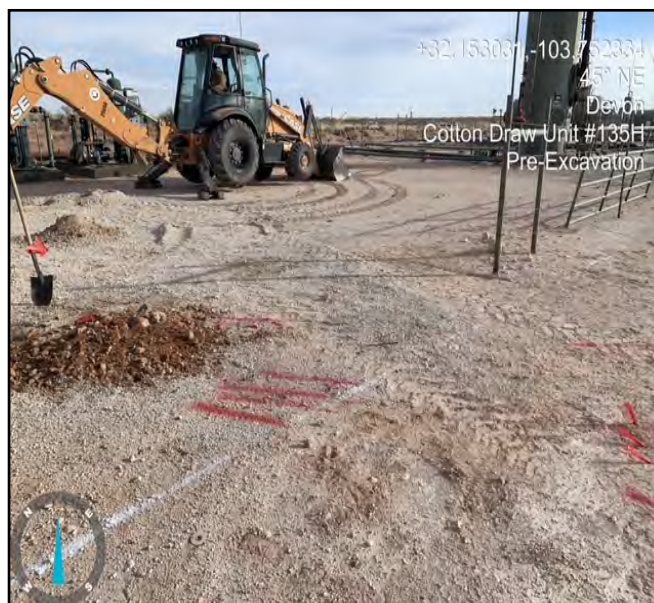


Photo taken pursuant to excavation facing northeast.



Photo taken pursuant to excavation facing east.



Photo taken pursuant to excavation facing southeast.



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Cotton Draw Unit #135H**

### Excavation:



Photo taken during the excavation process facing southwest.



Photo taken during the excavation process facing northeast.



Photo taken during the excavation process .



Photo taken during the excavation process.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #135H

Backfill :



Photo of the excavated area backfilled with clean material/aerial photos of location.



Photo of the excavated area backfilled with clean material/aerial photos of location.



Photo of the excavated area backfilled with clean material/aerial photos of location.



Photo of the excavated area backfilled with clean material/aerial photos of location.





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: Cotton Draw Unit 135 H

Work Order: E304099

Job Number: 21064-0001

Received: 4/20/2023

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/26/23

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: 4/26/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E304099  
Date Received: 4/20/2023 7:01:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/20/2023 7:01:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  |
| S1 - 3'           | 7  |
| S1 - 4'           | 8  |
| S2 - 1'           | 9  |
| S2 - 3'           | 10 |
| S2 - 4'           | 11 |
| S3 - 1'           | 12 |
| S3 - 2'           | 13 |
| S3 - 4'           | 14 |
| S4 - 1'           | 15 |
| S4 - 2'           | 16 |
| S4 - 3'           | 17 |
| S4 - 4'           | 18 |
| S5 - 1'           | 19 |
| S5 - 3'           | 20 |
| S5 - 4'           | 21 |
| S6 - 1'           | 22 |
| S6 - 3'           | 23 |
| S6 - 4'           | 24 |
| SW1               | 25 |



## Table of Contents (continued)

|                                                     |    |
|-----------------------------------------------------|----|
| SW2                                                 | 26 |
| SW3                                                 | 27 |
| SW4                                                 | 28 |
| SW5                                                 | 29 |
| SW6                                                 | 30 |
| QC Summary Data                                     | 31 |
| QC - Volatile Organic Compounds by EPA 8260B        | 31 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 33 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 35 |
| QC - Anions by EPA 300.0/9056A                      | 37 |
| Definitions and Notes                               | 39 |
| Chain of Custody etc.                               | 40 |

## Sample Summary

|                                      |                  |                        |                                    |
|--------------------------------------|------------------|------------------------|------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>04/26/23 13:56 |
| PO Box 247                           | Project Number:  | 21064-0001             |                                    |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              |                                    |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S1 - 1'          | E304099-01A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S1 - 3'          | E304099-02A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S1 - 4'          | E304099-03A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S2 - 1'          | E304099-04A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S2 - 3'          | E304099-05A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S2 - 4'          | E304099-06A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S3 - 1'          | E304099-07A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S3 - 2'          | E304099-08A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S3 - 4'          | E304099-09A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S4 - 1'          | E304099-10A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S4 - 2'          | E304099-11A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S4 - 3'          | E304099-12A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S4 - 4'          | E304099-13A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S5 - 1'          | E304099-14A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S5 - 3'          | E304099-15A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S5 - 4'          | E304099-16A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S6 - 1'          | E304099-17A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S6 - 3'          | E304099-18A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| S6 - 4'          | E304099-19A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| SW1              | E304099-20A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| SW2              | E304099-21A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| SW3              | E304099-22A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| SW4              | E304099-23A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| SW5              | E304099-24A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |
| SW6              | E304099-25A   | Soil   | 04/18/23 | 04/20/23 | Glass Jar, 2 oz. |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S1 - 1'

E304099-01

| Analyte                                               | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |              |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2316035 |       |
| Benzene                                               | ND     | 0.0250          | 1            | 04/20/23 | 04/20/23       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1            | 04/20/23 | 04/20/23       |       |
| Toluene                                               | ND     | 0.0250          | 1            | 04/20/23 | 04/20/23       |       |
| o-Xylene                                              | ND     | 0.0250          | 1            | 04/20/23 | 04/20/23       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1            | 04/20/23 | 04/20/23       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1            | 04/20/23 | 04/20/23       |       |
| <i>Surrogate: Bromofluorobenzene</i>                  | 91.3 % | 70-130          |              | 04/20/23 | 04/20/23       |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               | 99.2 % | 70-130          |              | 04/20/23 | 04/20/23       |       |
| <i>Surrogate: Toluene-d8</i>                          | 103 %  | 70-130          |              | 04/20/23 | 04/20/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2316035 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 04/20/23 | 04/20/23       |       |
| <i>Surrogate: Bromofluorobenzene</i>                  | 91.3 % | 70-130          |              | 04/20/23 | 04/20/23       |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               | 99.2 % | 70-130          |              | 04/20/23 | 04/20/23       |       |
| <i>Surrogate: Toluene-d8</i>                          | 103 %  | 70-130          |              | 04/20/23 | 04/20/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: JL  |          | Batch: 2316040 |       |
| Diesel Range Organics (C10-C28)                       | 27.6   | 25.0            | 1            | 04/20/23 | 04/20/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 04/20/23 | 04/20/23       |       |
| <i>Surrogate: n-Nonane</i>                            | 93.8 % | 50-200          |              | 04/20/23 | 04/20/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2316047 |       |
| Chloride                                              | 172    | 20.0            | 1            | 04/20/23 | 04/20/23       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S1 - 3'

E304099-02

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.2 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.2 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 96.5 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S1 - 4'

E304099-03

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.6 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 100 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 98.0 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.6 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 100 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 98.0 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 37.2   | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 95.5 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S2 - 1'

E304099-04

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.8 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 100 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.8 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 100 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 93.5   | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | 101    | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 99.1 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S2 - 3'

E304099-05

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 93.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.7 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 100 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 93.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.7 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 100 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 99.4 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S2 - 4'

E304099-06

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.4 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 99.7 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.4 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 99.7 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 95.6 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S3 - 1'

E304099-07

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.0 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.0 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 30.1   | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 97.3 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S3 - 2'

E304099-08

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.7 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.7 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 101 %  | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S3 - 4'

E304099-09

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.5 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 102 %  | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | 47.1   | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S4 - 1'

E304099-10

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/20/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.0 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 99.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.0 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| Surrogate: Toluene-d8                                 | 99.3 % | 70-130          |          | 04/20/23     | 04/20/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 92.0 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S4 - 2'

E304099-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/20/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/20/23 |                |
| Surrogate: n-Nonane                                   | 94.5 % | 50-200          |          | 04/20/23     | 04/20/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S4 - 3'

E304099-12

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 97.7 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S4 - 4'

E304099-13

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.1 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 91.4 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.1 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 91.4 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 28.5   | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 97.8 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S5 - 1'

E304099-14

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 89.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 90.4 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 99.5 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 89.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 90.4 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 99.5 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 556    | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | 418    | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 97.3 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S5 - 3'

E304099-15

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 89.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 102 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 92.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 89.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 102 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 263    | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | 219    | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 98.5 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | 23.0   | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S5 - 4'

E304099-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.5 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.5 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 34.4   | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 96.4 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | 37.4   | 20.0            | 1        | 04/20/23     | 04/21/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S6 - 1'

E304099-17

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 102 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 102 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 54.4   | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 98.5 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S6 - 3'

E304099-18

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 97.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 91.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 97.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 96.7 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

S6 - 4'

E304099-19

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 102 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.8 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 102 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | 26.2   | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 96.5 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | 27.8   | 20.0            | 1        | 04/20/23     | 04/21/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

## SW1

## E304099-20

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316035 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 90.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.7 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 101 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2316040 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 98.3 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316047 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/24/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

## SW2

## E304099-21

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 99.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 105 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 99.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 105 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2316045 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 99.9 % | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316055 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

## SW3

## E304099-22

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 98.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 114 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 98.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 114 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2316045 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 101 %  | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316055 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

## SW4

## E304099-23

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 98.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 109 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 98.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 109 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2316045 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 102 %  | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316055 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

## SW5

## E304099-24

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 97.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 112 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 97.6 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 112 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2316045 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 103 %  | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316055 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
4/26/2023 1:56:57PM

## SW6

## E304099-25

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Benzene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 04/20/23     | 04/21/23 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 98.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 106 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 107 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY  |          | Batch: 2316038 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: Bromofluorobenzene                         | 98.3 % | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 106 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| Surrogate: Toluene-d8                                 | 107 %  | 70-130          |          | 04/20/23     | 04/21/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2316045 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/20/23     | 04/21/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/20/23     | 04/21/23 |                |
| Surrogate: n-Nonane                                   | 103 %  | 50-200          |          | 04/20/23     | 04/21/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2316055 |
| Chloride                                              | ND     | 20.0            | 1        | 04/20/23     | 04/20/23 |                |



## QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 21064-0001             |                     |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              | 4/26/2023 1:56:57PM |

## Volatile Organic Compounds by EPA 8260B

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 (2316035-BLK1)

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.462 |        | 0.500 |  | 92.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.510 |        | 0.500 |  | 102  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.503 |        | 0.500 |  | 101  | 70-130 |  |  |  |

## LCS (2316035-BS1)

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.29  | 0.0250 | 2.50  |  | 91.5 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.30  | 0.0250 | 2.50  |  | 91.9 | 70-130 |  |  |  |
| Toluene                          | 2.20  | 0.0250 | 2.50  |  | 87.9 | 70-130 |  |  |  |
| o-Xylene                         | 2.33  | 0.0250 | 2.50  |  | 93.2 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.65  | 0.0500 | 5.00  |  | 92.9 | 70-130 |  |  |  |
| Total Xylenes                    | 6.98  | 0.0250 | 7.50  |  | 93.0 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.491 |        | 0.500 |  | 98.1 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.512 |        | 0.500 |  | 102  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.491 |        | 0.500 |  | 98.1 | 70-130 |  |  |  |

## Matrix Spike (2316035-MS1)

Source: E304099-03

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |        |       |    |      |        |  |  |  |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene                          | 2.39  | 0.0250 | 2.50  | ND | 95.7 | 48-131 |  |  |  |
| Ethylbenzene                     | 2.33  | 0.0250 | 2.50  | ND | 93.0 | 45-135 |  |  |  |
| Toluene                          | 2.25  | 0.0250 | 2.50  | ND | 89.8 | 48-130 |  |  |  |
| o-Xylene                         | 2.38  | 0.0250 | 2.50  | ND | 95.3 | 43-135 |  |  |  |
| p,m-Xylene                       | 4.76  | 0.0500 | 5.00  | ND | 95.2 | 43-135 |  |  |  |
| Total Xylenes                    | 7.14  | 0.0250 | 7.50  | ND | 95.2 | 43-135 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.490 |        | 0.500 |    | 98.0 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.527 |        | 0.500 |    | 105  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.495 |        | 0.500 |    | 99.0 | 70-130 |  |  |  |

## Matrix Spike Dup (2316035-MSD1)

Source: E304099-03

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |        |       |    |      |        |       |    |  |
|----------------------------------|-------|--------|-------|----|------|--------|-------|----|--|
| Benzene                          | 2.38  | 0.0250 | 2.50  | ND | 95.3 | 48-131 | 0.377 | 23 |  |
| Ethylbenzene                     | 2.43  | 0.0250 | 2.50  | ND | 97.3 | 45-135 | 4.44  | 27 |  |
| Toluene                          | 2.41  | 0.0250 | 2.50  | ND | 96.5 | 48-130 | 7.15  | 24 |  |
| o-Xylene                         | 2.47  | 0.0250 | 2.50  | ND | 98.6 | 43-135 | 3.47  | 27 |  |
| p,m-Xylene                       | 4.93  | 0.0500 | 5.00  | ND | 98.6 | 43-135 | 3.59  | 27 |  |
| Total Xylenes                    | 7.40  | 0.0250 | 7.50  | ND | 98.6 | 43-135 | 3.55  | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.485 |        | 0.500 |    | 97.0 | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.497 |        | 0.500 |    | 99.4 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.517 |        | 0.500 |    | 103  | 70-130 |       |    |  |





## QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 21064-0001             |                     |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              | 4/26/2023 1:56:57PM |

## Volatile Organic Compounds by EPA 8260B

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 (2316038-BLK1)

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.497 |        | 0.500 |  | 99.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.578 |        | 0.500 |  | 116  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.522 |        | 0.500 |  | 104  | 70-130 |  |  |  |

## LCS (2316038-BS1)

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.41  | 0.0250 | 2.50  |  | 96.3 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.41  | 0.0250 | 2.50  |  | 96.2 | 70-130 |  |  |  |
| Toluene                          | 2.47  | 0.0250 | 2.50  |  | 98.7 | 70-130 |  |  |  |
| o-Xylene                         | 2.39  | 0.0250 | 2.50  |  | 95.6 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.82  | 0.0500 | 5.00  |  | 96.4 | 70-130 |  |  |  |
| Total Xylenes                    | 7.21  | 0.0250 | 7.50  |  | 96.2 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.550 |        | 0.500 |  | 110  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.578 |        | 0.500 |  | 116  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.531 |        | 0.500 |  | 106  | 70-130 |  |  |  |

## Matrix Spike (2316038-MS1)

Source: E304099-21

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |        |       |    |      |        |  |  |  |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene                          | 2.47  | 0.0250 | 2.50  | ND | 98.7 | 48-131 |  |  |  |
| Ethylbenzene                     | 2.46  | 0.0250 | 2.50  | ND | 98.3 | 45-135 |  |  |  |
| Toluene                          | 2.53  | 0.0250 | 2.50  | ND | 101  | 48-130 |  |  |  |
| o-Xylene                         | 2.46  | 0.0250 | 2.50  | ND | 98.5 | 43-135 |  |  |  |
| p,m-Xylene                       | 4.91  | 0.0500 | 5.00  | ND | 98.1 | 43-135 |  |  |  |
| Total Xylenes                    | 7.37  | 0.0250 | 7.50  | ND | 98.2 | 43-135 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.543 |        | 0.500 |    | 109  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.544 |        | 0.500 |    | 109  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.524 |        | 0.500 |    | 105  | 70-130 |  |  |  |

## Matrix Spike Dup (2316038-MSD1)

Source: E304099-21

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |        |       |    |      |        |        |    |  |
|----------------------------------|-------|--------|-------|----|------|--------|--------|----|--|
| Benzene                          | 2.51  | 0.0250 | 2.50  | ND | 100  | 48-131 | 1.73   | 23 |  |
| Ethylbenzene                     | 2.48  | 0.0250 | 2.50  | ND | 99.1 | 45-135 | 0.851  | 27 |  |
| Toluene                          | 2.55  | 0.0250 | 2.50  | ND | 102  | 48-130 | 0.688  | 24 |  |
| o-Xylene                         | 2.47  | 0.0250 | 2.50  | ND | 98.9 | 43-135 | 0.365  | 27 |  |
| p,m-Xylene                       | 4.90  | 0.0500 | 5.00  | ND | 98.1 | 43-135 | 0.0408 | 27 |  |
| Total Xylenes                    | 7.38  | 0.0250 | 7.50  | ND | 98.3 | 43-135 | 0.0950 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.535 |        | 0.500 |    | 107  | 70-130 |        |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.547 |        | 0.500 |    | 109  | 70-130 |        |    |  |
| Surrogate: Toluene-d8            | 0.516 |        | 0.500 |    | 103  | 70-130 |        |    |  |



## QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 21064-0001             |                     |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              | 4/26/2023 1:56:57PM |

## 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 (2316035-BLK1)

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.462 |      | 0.500 |  | 92.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.510 |      | 0.500 |  | 102  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.503 |      | 0.500 |  | 101  | 70-130 |  |  |  |

## LCS (2316035-BS2)

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 57.9  | 20.0 | 50.0  |  | 116  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.477 |      | 0.500 |  | 95.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 |      | 0.500 |  | 98.2 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.500 |      | 0.500 |  | 100  | 70-130 |  |  |  |

## Matrix Spike (2316035-MS2)

Source: E304099-03

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |      |       |    |      |        |  |  |  |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 61.0  | 20.0 | 50.0  | ND | 122  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.480 |      | 0.500 |    | 95.9 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.516 |      | 0.500 |    | 103  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.497 |      | 0.500 |    | 99.4 | 70-130 |  |  |  |

## Matrix Spike Dup (2316035-MSD2)

Source: E304099-03

Prepared: 04/20/23 Analyzed: 04/20/23

|                                  |       |      |       |    |      |        |      |    |  |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 57.4  | 20.0 | 50.0  | ND | 115  | 70-130 | 5.98 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.476 |      | 0.500 |    | 95.1 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 |      | 0.500 |    | 98.2 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.508 |      | 0.500 |    | 102  | 70-130 |      |    |  |



## QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b>    |
| PO Box 247                           | Project Number:  | 21064-0001             |                     |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              | 4/26/2023 1:56:57PM |

## 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 (2316038-BLK1)

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.497 |      | 0.500 |  | 99.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.578 |      | 0.500 |  | 116  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.522 |      | 0.500 |  | 104  | 70-130 |  |  |  |

## LCS (2316038-BS2)

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |      |       |  |     |        |  |  |  |
|----------------------------------|-------|------|-------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 51.9  | 20.0 | 50.0  |  | 104 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.519 |      | 0.500 |  | 104 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.551 |      | 0.500 |  | 110 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.536 |      | 0.500 |  | 107 | 70-130 |  |  |  |

## Matrix Spike (2316038-MS2)

Source: E304099-21

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |      |       |    |     |        |  |  |  |
|----------------------------------|-------|------|-------|----|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 54.8  | 20.0 | 50.0  | ND | 110 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.503 |      | 0.500 |    | 101 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.524 |      | 0.500 |    | 105 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.535 |      | 0.500 |    | 107 | 70-130 |  |  |  |

## Matrix Spike Dup (2316038-MSD2)

Source: E304099-21

Prepared: 04/20/23 Analyzed: 04/21/23

|                                  |       |      |       |    |     |        |      |    |  |
|----------------------------------|-------|------|-------|----|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 51.4  | 20.0 | 50.0  | ND | 103 | 70-130 | 6.38 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.501 |      | 0.500 |    | 100 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.536 |      | 0.500 |    | 107 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.533 |      | 0.500 |    | 107 | 70-130 |      |    |  |





QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>4/26/2023 1:56:57PM |
| PO Box 247                           | Project Number:  | 21064-0001             |                                      |
| 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 (2316040-BLK1)            |      |      |      |  | Prepared: 04/20/23 Analyzed: 04/20/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 48.9 |      | 50.0 |  | 97.8                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2316040-BS1)               |      |      |      |  | Prepared: 04/20/23 Analyzed: 04/20/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 262  | 25.0 | 250  |  | 105                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 48.1 |      | 50.0 |  | 96.3                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2316040-MS1)      |      |      |      |    | Source: E304099-05 |        | Prepared: 04/20/23 Analyzed: 04/20/23 |  |  |
| Diesel Range Organics (C10-C28) | 267  | 25.0 | 250  | ND | 107                | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 42.4 |      | 50.0 |    | 84.9               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2316040-MSD1) |      |      |      |    | Source: E304099-05 |        | Prepared: 04/20/23 Analyzed: 04/20/23 |    |  |
| Diesel Range Organics (C10-C28) | 265  | 25.0 | 250  | ND | 106                | 38-132 | 0.701                                 | 20 |  |
| Surrogate: n-Nonane             | 44.3 |      | 50.0 |    | 88.7               | 50-200 |                                       |    |  |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>4/26/2023 1:56:57PM |
| PO Box 247                           | Project Number:  | 21064-0001             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              |                                      |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| 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 (2316045-BLK1)            |      |      |      |  | Prepared: 04/20/23 Analyzed: 04/21/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 50.8 |      | 50.0 |  | 102                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2316045-BS1)               |      |      |      |  | Prepared: 04/20/23 Analyzed: 04/21/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 264  | 25.0 | 250  |  | 106                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 50.2 |      | 50.0 |  | 100                                   | 50-200 |  |  |  |

|                                 |      |     |      |     |                    |        |                                       |  |  |
|---------------------------------|------|-----|------|-----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2316045-MS1)      |      |     |      |     | Source: E304093-09 |        | Prepared: 04/20/23 Analyzed: 04/24/23 |  |  |
| Diesel Range Organics (C10-C28) | 1010 | 250 | 250  | 788 | 89.1               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 47.3 |     | 50.0 |     | 94.5               | 50-200 |                                       |  |  |

|                                 |      |     |      |     |                    |        |                                       |    |        |
|---------------------------------|------|-----|------|-----|--------------------|--------|---------------------------------------|----|--------|
| Matrix Spike Dup (2316045-MSD1) |      |     |      |     | Source: E304093-09 |        | Prepared: 04/20/23 Analyzed: 04/24/23 |    |        |
| Diesel Range Organics (C10-C28) | 1250 | 250 | 250  | 788 | 187                | 38-132 | 21.5                                  | 20 | M5, R2 |
| Surrogate: n-Nonane             | 51.0 |     | 50.0 |     | 102                | 50-200 |                                       |    |        |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>4/26/2023 1:56:57PM |
| PO Box 247                           | Project Number:  | 21064-0001             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              |                                      |

Anions by EPA 300.0/9056A

Analyst: RAS

| 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 (2316047-BLK1)            |     |      |     |                    |     | Prepared: 04/20/23 Analyzed: 04/20/23 |      |    |  |
| Chloride                        | ND  | 20.0 |     |                    |     |                                       |      |    |  |
| LCS (2316047-BS1)               |     |      |     |                    |     | Prepared: 04/20/23 Analyzed: 04/20/23 |      |    |  |
| Chloride                        | 255 | 20.0 | 250 |                    | 102 | 90-110                                |      |    |  |
| Matrix Spike (2316047-MS1)      |     |      |     | Source: E304099-01 |     | Prepared: 04/20/23 Analyzed: 04/20/23 |      |    |  |
| Chloride                        | 422 | 20.0 | 250 | 172                | 100 | 80-120                                |      |    |  |
| Matrix Spike Dup (2316047-MSD1) |     |      |     | Source: E304099-01 |     | Prepared: 04/20/23 Analyzed: 04/20/23 |      |    |  |
| Chloride                        | 433 | 20.0 | 250 | 172                | 105 | 80-120                                | 2.48 | 20 |  |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>4/26/2023 1:56:57PM |
| PO Box 247                           | Project Number:  | 21064-0001             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              |                                      |

Anions by EPA 300.0/9056A

Analyst: RAS

| 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 (2316055-BLK1)            |     |      |     |                    |     | Prepared: 04/20/23 Analyzed: 04/20/23 |       |    |  |
| Chloride                        | ND  | 20.0 |     |                    |     |                                       |       |    |  |
| LCS (2316055-BS1)               |     |      |     |                    |     | Prepared: 04/20/23 Analyzed: 04/20/23 |       |    |  |
| Chloride                        | 265 | 20.0 | 250 |                    | 106 | 90-110                                |       |    |  |
| Matrix Spike (2316055-MS1)      |     |      |     | Source: E304095-01 |     | Prepared: 04/20/23 Analyzed: 04/20/23 |       |    |  |
| Chloride                        | 272 | 20.0 | 250 | ND                 | 109 | 80-120                                |       |    |  |
| Matrix Spike Dup (2316055-MSD1) |     |      |     | Source: E304095-01 |     | Prepared: 04/20/23 Analyzed: 04/20/23 |       |    |  |
| Chloride                        | 272 | 20.0 | 250 | ND                 | 109 | 80-120                                | 0.154 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 21064-0001             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum              | 04/26/23 13:56 |

- 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.
- R2      The RPD exceeded the acceptance limit.
- 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

|                                                                                                                                                                                                                                                              |              |        |                   |           |                                                                                                                                    |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------|--|--|---|--|-----------------------------------|--|--|--|------------------------------------|--|
| Client: Pima Environmental Services<br>Project: <u>Devote Cotton Draw Unit B5H</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: <u>Pima</u><br>Attention: <u>Pima</u><br>Address:<br>City, State, Zip:<br>Phone:<br>Email:<br>Pima Project # <u>1-255</u> |  |  |  |  | Lab Use Only<br>Lab WO# <u>E304099</u> Job Number <u>21004-0001</u><br>Analysis and Method                                 |  |  |   |  | TAT<br>1D 2D 3D Standard <u>X</u> |  |  |  | EPA Program<br>CWA    SDWA<br>RCRA |  |
|                                                                                                                                                                                                                                                              |              |        |                   |           |                                                                                                                                    |  |  |  |  | State<br>NM CO UT AZ TX                                                                                                    |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   |           |                                                                                                                                    |  |  |  |  | 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 |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   |           |                                                                                                                                    |  |  |  |  | NM CO UT AZ TX                                                                                                             |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   |           |                                                                                                                                    |  |  |  |  | Remarks                                                                                                                    |  |  |   |  |                                   |  |  |  |                                    |  |
| Time Sampled                                                                                                                                                                                                                                                 | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              | 4/18/23      | Soil   | 1                 | S1-1'     | 1                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  | X |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S1-2'     | 2                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S1-4'     | 3                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S2-1'     | 4                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S2-3'     | 5                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S2-4'     | 6                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S3-1'     | 7                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S3-2'     | 8                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S3-4'     | 9                                                                                                                                  |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |
|                                                                                                                                                                                                                                                              |              |        |                   | S4-1'     | 10                                                                                                                                 |  |  |  |  |                                                                                                                            |  |  |   |  |                                   |  |  |  |                                    |  |

**Additional Instructions:**

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) <u>Karime Adams</u>      |  |  |  | Date <u>4-19-23</u> Time <u>1330</u> |  | Received by: (Signature) <u>Michelle Campbell</u> |  |  |  | Date <u>4-19-23</u> Time <u>1330</u> |  |
| Relinquished by: (Signature) <u>Michelle Campbell</u> |  |  |  | Date <u>4-19-23</u> Time <u>1730</u> |  | Received by: (Signature) <u>Kayla R Hall</u>      |  |  |  | Date <u>4-19-23</u> Time <u>1740</u> |  |
| Relinquished by: (Signature) <u>Kayla R Hall</u>      |  |  |  | Date <u>4-20-23</u> Time <u>0005</u> |  | Received by: (Signature) <u>Jhine</u>             |  |  |  | Date <u>4-20-23</u> Time <u>0701</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 3

|                                     |  |                      |  |                     |  |                      |  |             |    |    |          |      |      |
|-------------------------------------|--|----------------------|--|---------------------|--|----------------------|--|-------------|----|----|----------|------|------|
| Client: Pima Environmental Services |  | Bill To              |  | Lab Use Only        |  | TAT                  |  | EPA Program |    |    |          |      |      |
| Project: Cotton Draw Unit 135H      |  | Attention: Pima      |  | Lab WO# F 304099    |  | Job Number 21064-000 |  | 1D          | 2D | 3D | Standard | CWA  | SDWA |
| Project Manager: Tom Bynum          |  | Address:             |  | Analysis and Method |  |                      |  |             |    |    | X        |      |      |
| Address: 5614 N. Lovington Hwy.     |  | City, State, Zip     |  |                     |  |                      |  |             |    |    |          | RCRA |      |
| City, State, Zip Hobbs, NM, 88240   |  | Phone:               |  |                     |  |                      |  |             |    |    |          |      |      |
| Phone: 580-748-1613                 |  | Email:               |  |                     |  |                      |  |             |    |    |          |      |      |
| Email: tom@pimaoil.com              |  | Pima Project # 1-255 |  |                     |  |                      |  |             |    |    |          |      |      |
| Report due by:                      |  |                      |  |                     |  |                      |  |             |    |    |          |      |      |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID                      | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |
|--------------|--------------|--------|-------------------|--------------------------------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
|              | 4/18/23      | Soil   | 1                 | S4-2' <del>S4-2' A</del> S4-2' | 11         |                 |                 |              |             |             |                | X        |          |         |
|              |              |        |                   | S4-3'                          | 12         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | S4-4'                          | 13         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | S5-1'                          | 14         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | S5-3'                          | 15         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | S5-4'                          | 16         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | S6-1'                          | 17         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | S6-3'                          | 18         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | S6-4'                          | 19         |                 |                 |              |             |             |                |          |          |         |
|              |              |        |                   | Swl                            | 20         |                 |                 |              |             |             |                |          |          |         |

## Additional Instructions:

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           |  |
| Karime Adams                 |  | 4-19-23 | 1330 | Michelle Gungler         |  | 4-19-23 | 1330 | Received on ice: 0 / N |  |
| Relinquished by: (Signature) |  | Date    | Time | Received by: (Signature) |  | Date    | Time | T1 T2 T3               |  |
| Michelle Gungler             |  | 4-19-23 | 1730 | Keyship R Hall           |  | 4-19-23 | 1740 |                        |  |
| Relinquished by: (Signature) |  | Date    | Time | Received by: (Signature) |  | Date    | Time | AVG Temp °C            |  |
| Keyship R Hall               |  | 4-20-23 | 0005 | Jhenn                    |  | 4-20-23 | 0701 | 4                      |  |

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

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

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

envirotech



[illegible]

|                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |                                                                                                                                                                                  |  |                     |  |                                                                        |  |                        |  |                     |  |                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|------------------------------------------------------------------------|--|------------------------|--|---------------------|--|-----------------------------------------------------------------------------------------------|--|
| 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)<br><i>Korine Adams</i>                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  | Date<br><i>4-19-23</i>                                                                                                                                                           |  | Time<br><i>1330</i> |  | Received by: (Signature)<br><i>Micella Campala</i>                     |  | Date<br><i>4-19-23</i> |  | Time<br><i>1330</i> |  | Lab Use Only<br>Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N |  |
| Relinquished by: (Signature)<br><i>Micella Campala</i>                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  | Date<br><i>4-19-23</i>                                                                                                                                                           |  | Time<br><i>1730</i> |  | Received by: (Signature)<br><i>Kyph R Hale</i>                         |  | Date<br><i>4-19-23</i> |  | Time<br><i>1740</i> |  | T1 _____ T2 _____ T3 _____                                                                    |  |
| Relinquished by: (Signature)<br><i>Kyph R Hale</i>                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  | Date<br><i>4-20-23</i>                                                                                                                                                           |  | Time<br><i>0005</i> |  | Received by: (Signature)<br><i>Thieme</i>                              |  | Date<br><i>4-20-23</i> |  | Time<br><i>074</i>  |  | AVG Temp °C <i>9</i>                                                                          |  |
| 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: 4/20/2023 11:56:32AM

## 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:  | 04/20/23 07:01             | Work Order ID: | E304099           |
| Phone:  | (575) 631-6977                       | Date Logged In: | 04/20/23 08:19             | Logged In By:  | Caitlin Christian |
| Email:  | tom@pimaoil.com                      | Due Date:       | 04/26/23 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? 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

Time sampled not provided on COC per 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

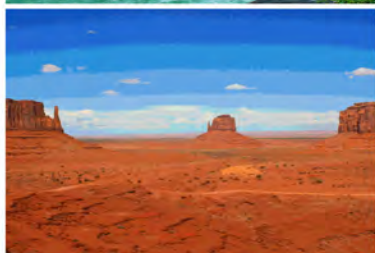
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410358

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/6/24

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: 11/6/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410358  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[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  |
| S1-1'             | 6  |
| S1-2'             | 7  |
| S1-3'             | 8  |
| S1-4'             | 9  |
| S2-1'             | 10 |
| S2-2'             | 11 |
| S2-3'             | 12 |
| S2-4'             | 13 |
| S3-1'             | 14 |
| S3-2'             | 15 |
| S3-3'             | 16 |
| S3-4'             | 17 |
| S4-1'             | 18 |
| S4-2'             | 19 |
| S4-3'             | 20 |
| S4-4'             | 21 |
| S5-1'             | 22 |
| S5-2'             | 23 |
| S5-3'             | 24 |
| S5-4'             | 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:    | Cotton Draw Unit 135 H | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007             |                |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 07:42 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S1-1'            | E410358-01A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S1-2'            | E410358-02A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S1-3'            | E410358-03A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S1-4'            | E410358-04A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S2-1'            | E410358-05A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S2-2'            | E410358-06A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S2-3'            | E410358-07A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S2-4'            | E410358-08A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S3-1'            | E410358-09A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S3-2'            | E410358-10A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S3-3'            | E410358-11A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S3-4'            | E410358-12A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S4-1'            | E410358-13A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S4-2'            | E410358-14A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S4-3'            | E410358-15A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S4-4'            | E410358-16A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S5-1'            | E410358-17A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S5-2'            | E410358-18A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S5-3'            | E410358-19A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S5-4'            | E410358-20A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 7:42:45AM

**S1-1'**

**E410358-01**

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 89.8 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 92.7 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | 36.5   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        | 91.5 %          | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S1-2'

E410358-02

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 89.7 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.2 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | 27.1   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 91.4 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 7:42:45AM

S1-3'

E410358-03

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 93.3 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444088 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 93.1 % | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444154 |
| Chloride                                              | ND     | 20.0            | 1        | 11/01/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S1-4'

E410358-04

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.4 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.7 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 93.5 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S2-1'

E410358-05

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | 0.0593 | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | 1.34   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | 1.74   | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | 3.08   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       | 96.2 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | 26.6   | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       | 94.9 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | 5300   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 1790   | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       | 162 %  | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S2-2'

E410358-06

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 89.8 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.7 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | 138    | 25.0            | 1           | 10/30/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | 76.3   | 50.0            | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 97.5 % | 50-200          |             | 10/30/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |





Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S2-3'

E410358-07

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.2 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.9 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 94.0 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S2-4'

E410358-08

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.3 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.4 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 96.6 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 7:42:45AM

S3-1'

E410358-09

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | 0.0613 | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | 1.10   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | 1.29   | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | 2.39   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       | 94.7 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | 23.2   | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       | 95.4 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | 5370   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 1770   | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       | 161 %  | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S3-2'

E410358-10

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.7 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.6 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 94.9 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |





Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S3-3'

E410358-11

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.9 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.4 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 94.2 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S3-4'

E410358-12

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.6 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.5 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 95.6 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 7:42:45AM

S4-1'

E410358-13

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 89.8 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.6 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444088 |
| Diesel Range Organics (C10-C28)                       | 96.9   | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 115    | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 94.4 % | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444154 |
| Chloride                                              | ND     | 20.0            | 1        | 11/01/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S4-2'

E410358-14

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 89.5 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.7 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 97.1 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |





Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S4-3'

E410358-15

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       | 91.7 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       | 93.2 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       | 93.9 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 7:42:45AM

S4-4'

E410358-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 90.0 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.9 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444088 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 103 %  | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444154 |
| Chloride                                              | ND     | 20.0            | 1        | 11/01/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 7:42:45AM

S5-1'

E410358-17

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.0 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444081 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444088 |
| Diesel Range Organics (C10-C28)                       | 197    | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 197    | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 98.6 % | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444154 |
| Chloride                                              | ND     | 20.0            | 1        | 11/01/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S5-2'

E410358-18

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 91.0 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.6 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | 26.7   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 97.1 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |





Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S5-3'

E410358-19

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.2 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.8 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 111 %  | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S5-4'

E410358-20

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.9 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444081 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 94.1 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444088 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 95.1 % | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444154 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/01/24 | 11/02/24       |       |



## QC Summary Data

|                                      |                  |                        |                                             |
|--------------------------------------|------------------|------------------------|---------------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                             |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                             |

## Volatile Organics by EPA 8021B

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 (2444081-BLK1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.22 |        | 8.00 |  | 90.3 | 70-130 |  |  |  |

## LCS (2444081-BS1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.86 | 0.0250 | 5.00 |  | 97.1 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.77 | 0.0250 | 5.00 |  | 95.4 | 70-130 |  |  |  |
| Toluene                             | 4.85 | 0.0250 | 5.00 |  | 97.0 | 70-130 |  |  |  |
| o-Xylene                            | 4.77 | 0.0250 | 5.00 |  | 95.4 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.71 | 0.0500 | 10.0 |  | 97.1 | 70-130 |  |  |  |
| Total Xylenes                       | 14.5 | 0.0250 | 15.0 |  | 96.5 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.22 |        | 8.00 |  | 90.2 | 70-130 |  |  |  |

## LCS Dup (2444081-BSD1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                     |      |        |      |  |      |        |       |    |  |
|-------------------------------------|------|--------|------|--|------|--------|-------|----|--|
| Benzene                             | 4.88 | 0.0250 | 5.00 |  | 97.6 | 70-130 | 0.456 | 20 |  |
| Ethylbenzene                        | 4.79 | 0.0250 | 5.00 |  | 95.7 | 70-130 | 0.324 | 20 |  |
| Toluene                             | 4.86 | 0.0250 | 5.00 |  | 97.3 | 70-130 | 0.328 | 20 |  |
| o-Xylene                            | 4.78 | 0.0250 | 5.00 |  | 95.6 | 70-130 | 0.195 | 20 |  |
| p,m-Xylene                          | 9.73 | 0.0500 | 10.0 |  | 97.3 | 70-130 | 0.196 | 20 |  |
| Total Xylenes                       | 14.5 | 0.0250 | 15.0 |  | 96.7 | 70-130 | 0.196 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.29 |        | 8.00 |  | 91.1 | 70-130 |       |    |  |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/6/2024 7:42:45AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

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 (2444081-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.54 |      | 8.00 |  | 94.2 | 70-130 |  |  |  |

LCS (2444081-BS2) Prepared: 10/30/24 Analyzed: 11/03/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 40.2 | 20.0 | 50.0 |  | 80.5 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.46 |      | 8.00 |  | 93.3 | 70-130 |  |  |  |

LCS Dup (2444081-BSD2) Prepared: 10/30/24 Analyzed: 11/03/24

|                                         |      |      |      |  |      |        |      |    |  |
|-----------------------------------------|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 41.6 | 20.0 | 50.0 |  | 83.2 | 70-130 | 3.39 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 |      | 8.00 |  | 94.8 | 70-130 |      |    |  |





QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 7:42:45AM |

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 (2444088-BLK1)            |      |      |      |  | Prepared: 10/30/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 49.0 |      | 50.0 |  | 98.0                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2444088-BS1)               |      |      |      |  | Prepared: 10/30/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 260  | 25.0 | 250  |  | 104                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 49.4 |      | 50.0 |  | 98.8                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2444088-BSD1)          |      |      |      |  | Prepared: 10/30/24 Analyzed: 11/03/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 245  | 25.0 | 250  |  | 97.9                                  | 38-132 | 6.19 | 20 |  |
| Surrogate: n-Nonane             | 46.2 |      | 50.0 |  | 92.4                                  | 50-200 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 7:42:45AM |

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 (2444154-BLK1)   |     |      |     |  | Prepared: 11/01/24 Analyzed: 11/01/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2444154-BS1)      |     |      |     |  | Prepared: 11/01/24 Analyzed: 11/01/24 |        |       |    |  |
| Chloride               | 250 | 20.0 | 250 |  | 100                                   | 90-110 |       |    |  |
| LCS Dup (2444154-BSD1) |     |      |     |  | Prepared: 11/01/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 249 | 20.0 | 250 |  | 99.6                                  | 90-110 | 0.565 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 07:42 |

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



## Project Information

## Chain of Custody

Page 1 of 8

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |                 |                   |                          |                               |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------|--------------------------|-------------------------------|-----------------|------------------------|-------------------------------|-------------------------------|--------------|-------------|-------------|----------------|----------|-------------|------|-------|--|
| Client: Pima Environmental Services                                                                                                                                                                                                                                                                                                                                                                   |              |                 |                   |                          | Bill To                       |                 | Lab Use Only           |                               |                               |              | TAT         |             |                |          | EPA Program |      |       |  |
| Project: <u>Cotton Draw Unit 135 H</u>                                                                                                                                                                                                                                                                                                                                                                |              |                 |                   |                          | Attention: <u>Devon</u>       |                 | Lab WO# <u>E410358</u> |                               | Job Number <u>101058-0007</u> |              | 1D          | 2D          | 3D             | Standard | CWA         | SDWA |       |  |
| Project Manager: <u>Gio Gomez</u>                                                                                                                                                                                                                                                                                                                                                                     |              |                 |                   |                          | Address:                      |                 | Analysis and Method    |                               |                               |              |             |             |                |          |             |      | RCRA  |  |
| Address: <u>5614 N. Lovington Hwy.</u>                                                                                                                                                                                                                                                                                                                                                                |              |                 |                   |                          | City, State, Zip              |                 |                        |                               |                               |              |             |             |                |          |             |      | State |  |
| City, State, Zip <u>Hobbs, NM. 88240</u>                                                                                                                                                                                                                                                                                                                                                              |              |                 |                   |                          | Phone:                        |                 | NM                     |                               | CO                            | UT           | AZ          | TX          |                |          |             |      |       |  |
| Phone: <u>806-782-1151</u>                                                                                                                                                                                                                                                                                                                                                                            |              |                 |                   |                          | Email:                        |                 | BGDOC NM               |                               | BGDOC TX                      |              | Remarks     |             |                |          |             |      |       |  |
| Email: <u>gio@pimaoil.com</u>                                                                                                                                                                                                                                                                                                                                                                         |              |                 |                   |                          | Pima Project # <u>1-255-1</u> |                 | DRO/ORO by 8015        |                               | GRO/DRO by 8015               | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 |          |             |      |       |  |
| Report due by:                                                                                                                                                                                                                                                                                                                                                                                        |              |                 |                   |                          |                               |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix          | No. of Containers | Sample ID                | Lab Number                    |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 8:16                                                                                                                                                                                                                                                                                                                                                                                                  | 10/25        | S               |                   | S1-1'                    | 1                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 8:20                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S1-2'                    | 2                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 8:23                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S1-3'                    | 3                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 8:28                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S1-4'                    | 4                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 8:36                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S2-1'                    | 5                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 8:42                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S2-2'                    | 6                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 8:56                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S2-3'                    | 7                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 9:17                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S2-4'                    | 8                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 9:26                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S3-1'                    | 9                             |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| 9:30                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S3-2'                    | 10                            |                 |                        |                               |                               |              |             |             |                |          |             |      |       |  |
| Additional Instructions: <u>Billing # 21126428</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                  |                               |              |             |             |                |          |             |      |       |  |
| <u>Karime Adame</u>                                                                                                                                                                                                                                                                                                                                                                                   |              | <u>10/29/24</u> | <u>2:00</u>       | <u>Michelle Gonzales</u> |                               | <u>10.29.24</u> | <u>1400</u>            | Received on ice: <u>(Y)</u> N |                               |              |             |             |                |          |             |      |       |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date            | Time              | Received by: (Signature) |                               | Date            | Time                   | T1 T2 T3                      |                               |              |             |             |                |          |             |      |       |  |
| <u>Michelle Gonzales</u>                                                                                                                                                                                                                                                                                                                                                                              |              | <u>10.29.24</u> | <u>1630</u>       | <u>John Hobb</u>         |                               | <u>10.29.24</u> | <u>1630</u>            |                               |                               |              |             |             |                |          |             |      |       |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date            | Time              | Received by: (Signature) |                               | Date            | Time                   | AVG Temp °C <u>4</u>          |                               |              |             |             |                |          |             |      |       |  |
| <u>John Hobb</u>                                                                                                                                                                                                                                                                                                                                                                                      |              | <u>10.29.24</u> | <u>2245</u>       | <u>Carth Mcen</u>        |                               | <u>10.30.24</u> | <u>8:00</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 8

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |                 |                   |                          |                                                                                                                                                  |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------------|-------------|-------------------------|----------------|------------------------------|----------|---------|-----|----|----|----------|-------------|------|----|-------|----|
| Client: Pima Environmental Services<br>Project: <u>Cotton Draw Unit 135 H</u><br>Project Manager: <u>Gio Gomez</u><br>Address: <u>5614 N. Lovington Hwy.</u><br>City, State, Zip: <u>Hobbs, NM, 88240</u><br>Phone: <u>806-782-1151</u><br>Email: <u>gio@pimaoil.com</u><br>Report due by: _____                                                                                                      |              |                 |                   |                          | Bill To<br>Attention: <u>Daron</u><br>Address: _____<br>City, State, Zip: _____<br>Phone: _____<br>Email: _____<br>Pima Project # <u>1-255-1</u> |                 |                 |                             |             | Lab Use Only            |                |                              |          |         | TAT |    |    |          | EPA Program |      |    |       |    |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |                 |                   |                          |                                                                                                                                                  |                 |                 |                             |             | Lab WO# <u>FL410358</u> |                | Job Number <u>01058-0007</u> |          |         | 1D  | 2D | 3D | Standard | CWA         | SDWA |    |       |    |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |                 |                   |                          |                                                                                                                                                  |                 |                 |                             |             | Analysis and Method     |                |                              |          |         |     |    |    |          |             | RCRA |    | State |    |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |                 |                   |                          |                                                                                                                                                  |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             | NM   | CO | UT    | AZ |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix          | No. of Containers | Sample ID                | Lab Number                                                                                                                                       | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021                | VOC by 8260 | Metals 6010             | Chloride 300.0 | BGDOC NM                     | BGDOC TX | Remarks |     |    |    |          |             |      |    |       |    |
| 9:33                                                                                                                                                                                                                                                                                                                                                                                                  | 10/25        | S               |                   | S3-3'                    | 11                                                                                                                                               |                 |                 |                             |             |                         |                | X                            |          |         |     |    |    |          |             |      |    |       |    |
| 9:38                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S3-4'                    | 12                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 9:43                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S4-1'                    | 13                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 9:46                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S4-2'                    | 14                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 9:50                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S4-3'                    | 15                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 9:51                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S4-4'                    | 16                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 9:58                                                                                                                                                                                                                                                                                                                                                                                                  |              |                 |                   | S5-1'                    | 17                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 10:11                                                                                                                                                                                                                                                                                                                                                                                                 |              |                 |                   | S5-2'                    | 18                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 10:18                                                                                                                                                                                                                                                                                                                                                                                                 |              |                 |                   | S5-3'                    | 19                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| 10:26                                                                                                                                                                                                                                                                                                                                                                                                 |              |                 |                   | S5-4'                    | 20                                                                                                                                               |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| Additional Instructions: <u>Billing # 21126428</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)                                                                                                                                                                                                                                                                                                                                                                          |              | Date            | Time              | Received by: (Signature) |                                                                                                                                                  | Date            | Time            | Lab Use Only                |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| <u>Karime Adame</u>                                                                                                                                                                                                                                                                                                                                                                                   |              | <u>10/29/24</u> | <u>2:00</u>       | <u>Michelle Gonzales</u> |                                                                                                                                                  | <u>10/29/24</u> | <u>1400</u>     | Received on Ice: <u>Y/N</u> |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| <u>Michelle Gonzales</u>                                                                                                                                                                                                                                                                                                                                                                              |              | <u>10/29/24</u> | <u>1630</u>       | <u>[Signature]</u>       |                                                                                                                                                  | <u>10/29/24</u> | <u>1630</u>     | T1 _____ T2 _____ T3 _____  |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |
| <u>[Signature]</u>                                                                                                                                                                                                                                                                                                                                                                                    |              | <u>10/29/24</u> | <u>2245</u>       | <u>Cathy Man</u>         |                                                                                                                                                  | <u>10/30/24</u> | <u>8:00</u>     | AVG Temp °C <u>4</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. |              |                 |                   |                          |                                                                                                                                                  |                 |                 |                             |             |                         |                |                              |          |         |     |    |    |          |             |      |    |       |    |

## Envirotech Analytical Laboratory

Printed: 10/30/2024 8:55:08AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410358  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 16:25             | Logged In By:  | Noe Soto |
| Email:  | gio@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E410361.

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

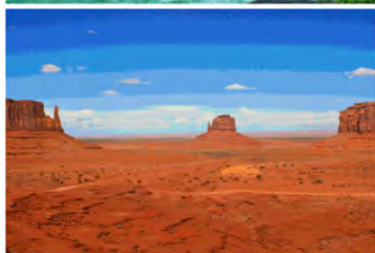
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410359

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/7/24

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: 11/7/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410359  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@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  |
| S6-1'             | 6  |
| S6-2'             | 7  |
| S6-3'             | 8  |
| S6-4'             | 9  |
| S7-1'             | 10 |
| S7-2'             | 11 |
| S7-3'             | 12 |
| S7-4'             | 13 |
| S8-1'             | 14 |
| S8-2'             | 15 |
| S8-3'             | 16 |
| S8-4'             | 17 |
| S9-1'             | 18 |
| S9-2'             | 19 |
| S9-3'             | 20 |
| S9-4'             | 21 |
| S10-1'            | 22 |
| S10-2'            | 23 |
| S10-3'            | 24 |
| S10-4'            | 25 |

## Table of Contents (continued)

|                                                     |    |
|-----------------------------------------------------|----|
| QC Summary Data                                     | 26 |
| QC - Volatile Organic Compounds by EPA8260B         | 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:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/07/24 11:12 |
| PO Box 247                           | Project Number:  | 01058-0007             |                                    |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                    |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S6-1'            | E410359-01A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S6-2'            | E410359-02A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S6-3'            | E410359-03A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S6-4'            | E410359-04A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S7-1'            | E410359-05A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S7-2'            | E410359-06A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S7-3'            | E410359-07A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S7-4'            | E410359-08A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S8-1'            | E410359-09A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S8-2'            | E410359-10A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S8-3'            | E410359-11A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S8-4'            | E410359-12A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S9-1'            | E410359-13A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S9-2'            | E410359-14A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S9-3'            | E410359-15A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S9-4'            | E410359-16A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S10-1'           | E410359-17A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S10-2'           | E410359-18A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S10-3'           | E410359-19A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S10-4'           | E410359-20A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

**S6-1'**

**E410359-01**

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Bromofluorobenzene</i>                  |        | 99.3 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               |        | 93.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Toluene-d8</i>                          |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Bromofluorobenzene</i>                  |        | 99.3 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               |        | 93.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Toluene-d8</i>                          |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 108 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S6-2'

E410359-02

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.6 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.3 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.6 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.3 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 120 %  | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S6-3'

E410359-03

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.0 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 102 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.0 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 102 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 110 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                   |
|--------------------------------------|------------------|------------------------|-----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                   |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                   |

S6-4'

E410359-04

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
|                                                       |        |                 |             |          |                |       |
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| Surrogate: Bromofluorobenzene                         | 97.8 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.4 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| Surrogate: Bromofluorobenzene                         | 97.8 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.4 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444096 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| Surrogate: n-Nonane                                   | 103 %  | 50-200          |             | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444157 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                   |
|--------------------------------------|------------------|------------------------|-----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                   |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                   |

S7-1'

E410359-05

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         | 97.9 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.3 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         | 97.9 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.3 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444096 |       |
| Diesel Range Organics (C10-C28)                       | 35.9   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 104 %  | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444157 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S7-2'

E410359-06

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.4 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 103 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.4 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 103 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | 46.2   | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 111 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





Sample Data

|                                      |                  |                        |                                   |
|--------------------------------------|------------------|------------------------|-----------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                   |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                   |

S7-3'

E410359-07

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         | 96.1 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.5 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         | 96.1 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.5 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444096 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 105 %  | 50-200          |             | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444157 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S7-4'

E410359-08

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.0 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 90.8 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.0 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 90.8 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 107 %  | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S8-1'

E410359-09

| Analyte                                               | Result      | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|-------------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND          | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND          | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND          | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | <b>3.06</b> | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | <b>3.60</b> | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | <b>6.66</b> | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |             | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |             | 96.5 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |             | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | <b>258</b>  | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |             | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |             | 96.5 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |             | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | <b>5400</b> | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | <b>1680</b> | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |             | 209 %           | 50-200   | 10/30/24    | 11/03/24 | S5             |
| <b>Anions by EPA 300.0/9056A</b>                      |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND          | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S8-2'

E410359-10

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 95.9 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.3 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 95.9 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.3 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | 125    | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 98.6   | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 121 %  | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S8-3'

E410359-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 77.1 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.7 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 77.1 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.7 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 106 %  | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S8-4'

E410359-12

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 121 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 88.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 121 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 88.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 104 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S9-1'

E410359-13

| Analyte                                               | Result      | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|-------------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND          | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND          | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND          | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | <b>2.26</b> | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | <b>2.20</b> | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | <b>4.46</b> | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |             | 106 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |             | 96.4 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |             | 89.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | <b>192</b>  | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |             | 106 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |             | 96.4 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |             | 89.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | <b>9870</b> | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | <b>3460</b> | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |             | 227 %           | 50-200   | 10/30/24    | 11/03/24 | S5             |
| <b>Anions by EPA 300.0/9056A</b>                      |             |                 |          |             |          |                |
|                                                       | mg/kg       | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND          | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S9-2'

E410359-14

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 96.4 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.8 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 96.4 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.8 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/07/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/07/24 |                |
| Surrogate: n-Nonane                                   | 105 %  | 50-200          |          | 10/30/24    | 11/07/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                          |
|--------------------------------------|------------------|------------------------|------------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                          |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                          |

S9-3'

E410359-15

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.1 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.1 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444096 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 103 %           | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444157 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                          |
|--------------------------------------|------------------|------------------------|------------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                          |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                          |

S9-4'

E410359-16

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 123 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.9 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444082 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 123 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.9 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444096 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 104 %           | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444157 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S10-1'

E410359-17

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | 0.0495 | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | 0.0495 | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | 1140   | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 496    | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 111 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S10-2'

E410359-18

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24     | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24     | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24     | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24     | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24     | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24     | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 95.1 % | 70-130          |          | 10/30/24     | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.5 % | 70-130          |          | 10/30/24     | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24     | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24     | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 95.1 % | 70-130          |          | 10/30/24     | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.5 % | 70-130          |          | 10/30/24     | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24     | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV  |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24     | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24     | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 108 %  | 50-200          |          | 10/30/24     | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24     | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S10-3'

E410359-19

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 119 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 101 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 119 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 101 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 108 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 11:12:01AM

S10-4'

E410359-20

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 96.1 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444082 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 96.1 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444096 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 111 %  | 50-200          |          | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444157 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## QC Summary Data

|                                      |                  |                        |                                              |
|--------------------------------------|------------------|------------------------|----------------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br><br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                              |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                              |

## Volatile Organic Compounds by EPA 8260B

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 (2444082-BLK1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.481 |        | 0.500 |  | 96.2 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.486 |        | 0.500 |  | 97.2 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.521 |        | 0.500 |  | 104  | 70-130 |  |  |  |

## LCS (2444082-BS1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.41  | 0.0250 | 2.50  |  | 96.4 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.65  | 0.0250 | 2.50  |  | 106  | 70-130 |  |  |  |
| Toluene                          | 2.58  | 0.0250 | 2.50  |  | 103  | 70-130 |  |  |  |
| o-Xylene                         | 2.57  | 0.0250 | 2.50  |  | 103  | 70-130 |  |  |  |
| p,m-Xylene                       | 5.15  | 0.0500 | 5.00  |  | 103  | 70-130 |  |  |  |
| Total Xylenes                    | 7.71  | 0.0250 | 7.50  |  | 103  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.462 |        | 0.500 |  | 92.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495 |        | 0.500 |  | 98.9 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.526 |        | 0.500 |  | 105  | 70-130 |  |  |  |

## LCS Dup (2444082-BSD1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |       |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|-------|----|--|
| Benzene                          | 2.42  | 0.0250 | 2.50  |  | 96.9 | 70-130 | 0.517 | 23 |  |
| Ethylbenzene                     | 2.65  | 0.0250 | 2.50  |  | 106  | 70-130 | 0.113 | 27 |  |
| Toluene                          | 2.60  | 0.0250 | 2.50  |  | 104  | 70-130 | 0.618 | 24 |  |
| o-Xylene                         | 2.76  | 0.0250 | 2.50  |  | 110  | 70-130 | 7.06  | 27 |  |
| p,m-Xylene                       | 5.48  | 0.0500 | 5.00  |  | 110  | 70-130 | 6.39  | 27 |  |
| Total Xylenes                    | 8.24  | 0.0250 | 7.50  |  | 110  | 70-130 | 6.61  | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.498 |        | 0.500 |  | 99.5 | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.476 |        | 0.500 |  | 95.2 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.515 |        | 0.500 |  | 103  | 70-130 |       |    |  |





QC Summary Data

|                                      |                  |                        |                                       |
|--------------------------------------|------------------|------------------------|---------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                       |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                       |

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 (2444082-BLK1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.481 |      | 0.500 |  | 96.2 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.486 |      | 0.500 |  | 97.2 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.521 |      | 0.500 |  | 104  | 70-130 |  |  |  |

LCS (2444082-BS2)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 55.0  | 20.0 | 50.0  |  | 110  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.513 |      | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.464 |      | 0.500 |  | 92.8 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.521 |      | 0.500 |  | 104  | 70-130 |  |  |  |

LCS Dup (2444082-BSD2)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 53.0  | 20.0 | 50.0  |  | 106  | 70-130 | 3.57 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.500 |      | 0.500 |  | 100  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.468 |      | 0.500 |  | 93.6 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.532 |      | 0.500 |  | 106  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                                       |
|--------------------------------------|------------------|------------------------|---------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/7/2024 11:12:01AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                       |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                       |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result<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 (2444096-BLK1) Prepared: 10/30/24 Analyzed: 11/02/24

|                                 |      |      |      |  |     |        |  |  |  |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |     |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |     |        |  |  |  |
| Surrogate: n-Nonane             | 50.9 |      | 50.0 |  | 102 | 50-200 |  |  |  |

LCS (2444096-BS1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                 |      |      |      |  |     |        |  |  |  |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 302  | 25.0 | 250  |  | 121 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 57.1 |      | 50.0 |  | 114 | 50-200 |  |  |  |

LCS Dup (2444096-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                 |      |      |      |  |     |        |      |    |  |
|---------------------------------|------|------|------|--|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 280  | 25.0 | 250  |  | 112 | 38-132 | 7.61 | 20 |  |
| Surrogate: n-Nonane             | 52.6 |      | 50.0 |  | 105 | 50-200 |      |    |  |



QC Summary Data

|                                      |                  |                        |                      |
|--------------------------------------|------------------|------------------------|----------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:            |
| PO Box 247                           | Project Number:  | 01058-0007             |                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 11:12:01AM |

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 (2444157-BLK1)   |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2444157-BS1)      |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 251 | 20.0 | 250 |  | 100                                   | 90-110 |       |    |  |
| LCS Dup (2444157-BSD1) |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 252 | 20.0 | 250 |  | 101                                   | 90-110 | 0.492 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/07/24 11:12 |

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

## Project Information

## Chain of Custody

Page 3 of 8

|                                                                                                                                                                                                                                                                                                         |  |  |  |  |                                                                                                                                                             |  |  |  |  |                                                                                                                                                        |  |  |  |  |  |                                                                     |  |             |  |                                |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|---------------------------------------------------------------------|--|-------------|--|--------------------------------|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 136H<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> 1-255-1 |  |  |  |  | <b>Lab Use Only</b><br><b>Lab WO#</b> E410359 <b>Job Number</b> 101058-0007                                                                            |  |  |  |  |  | <b>TAT</b><br>1D 2D 3D Standard <input checked="" type="checkbox"/> |  |             |  | <b>EPA Program</b><br>CWA SDWA |  |
|                                                                                                                                                                                                                                                                                                         |  |  |  |  |                                                                                                                                                             |  |  |  |  | <b>Analysis and Method</b><br>DRO/ORO by 8015    GRO/DRO by 8015    BTEX by 8021    VOC by 8260    Metals 6010    Chloride 300.0    BDOC NM    BDOC TX |  |  |  |  |  | <b>State</b><br>NM CO UT AZ TX <input checked="" type="checkbox"/>  |  | <b>RCRA</b> |  |                                |  |
|                                                                                                                                                                                                                                                                                                         |  |  |  |  |                                                                                                                                                             |  |  |  |  |                                                                                                                                                        |  |  |  |  |  |                                                                     |  |             |  |                                |  |
|                                                                                                                                                                                                                                                                                                         |  |  |  |  |                                                                                                                                                             |  |  |  |  | <b>Remarks</b>                                                                                                                                         |  |  |  |  |  |                                                                     |  |             |  |                                |  |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number |
|--------------|--------------|--------|-------------------|-----------|------------|
| 10:30        | 10/25        | S      |                   | S6-1'     | 1          |
| 10:35        |              |        |                   | S6-2'     | 2          |
| 10:37        |              |        |                   | S6-3'     | 3          |
| 10:41        |              |        |                   | S6-4'     | 4          |
| 10:49        |              |        |                   | S7-1'     | 5          |
| 10:56        |              |        |                   | S7-2'     | 6          |
| 11:17        |              |        |                   | S7-3'     | 7          |
| 11:34        |              |        |                   | S7-4'     | 8          |
| 11:38        |              |        |                   | S8-1'     | 9          |
| 11:46        |              |        |                   | S8-2'     | 10         |

**Additional Instructions:** Billing # 21126428

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><i>Carime Adame</i>      | Date<br>10/29/24 | Time<br>2:00 | Received by: (Signature)<br><i>Michelle Gonzales</i> | Date<br>10/29/24 | Time<br>1400 |
| Relinquished by: (Signature)<br><i>Michelle Gonzales</i> | Date<br>10/29/24 | Time<br>1630 | Received by: (Signature)<br><i>John Hobbs</i>        | Date<br>10/29/24 | Time<br>1630 |
| Relinquished by: (Signature)<br><i>John Hobbs</i>        | Date<br>10/29/24 | Time<br>2245 | Received by: (Signature)<br><i>Cynthia Man</i>       | Date<br>10/30/24 | Time<br>8:00 |

**Lab Use Only**  
 Received on ice: ☒ Y ☐ N  
 T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
 AVG Temp °C 4

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

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

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



## Project Information

## Chain of Custody

Page 4 of 8

| Client: Pima Environmental Services<br>Project: <u>Cotton Draw Unit 135 H</u><br>Project Manager: <u>Gio Gomez</u><br>Address: <u>5614 N. Lovington Hwy.</u><br>City, State, Zip: <u>Hobbs, NM, 88240</u><br>Phone: <u>806-782-1151</u><br>Email: <u>gio@pimaoil.com</u><br>Report due by:                                                                                                            |              |        |                   |           | Bill To<br>Attention: <u>Devin</u><br>Address:<br>City, State, Zip:<br>Phone:<br>Email:<br>Pima Project # <u>1-255-1</u> |                 |                 |              |             | Lab Use Only<br>Lab WO# <u>E410359</u><br>Job Number <u>101058-0007</u><br>Analysis and Method |                |         |         |         | TAT<br>1D 2D 3D Standard <u>X</u> |  |  |  | EPA Program<br>CWA SDWA<br>RCRA<br>State<br>NM CO UT AZ TX |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|-----------|--------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------|-------------|------------------------------------------------------------------------------------------------|----------------|---------|---------|---------|-----------------------------------|--|--|--|------------------------------------------------------------|--|
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                                                                                                               | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010                                                                                    | Chloride 300.0 | BDOC NM | BDOC TX | Remarks |                                   |  |  |  |                                                            |  |
| 11:56                                                                                                                                                                                                                                                                                                                                                                                                 | 10/25        | S      |                   | S8-3'     | 11                                                                                                                       |                 |                 |              |             |                                                                                                |                | X       |         |         |                                   |  |  |  |                                                            |  |
| 12:00                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S8-4'     | 12                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 12:11                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S9-1'     | 13                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 12:16                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S9-2'     | 14                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 12:19                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S9-3'     | 15                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 12:25                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S9-4'     | 16                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 12:36                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S10-1'    | 17                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 12:41                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S10-2'    | 18                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 12:52                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S10-3'    | 19                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 1:02                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S10-4'    | 20                                                                                                                       |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| Additional Instructions: <u>Billing# 21126428</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>Larime Adams</u> Date <u>10/29/24</u> Time <u>2:00</u>                                                                                                                                                                                                                                                                                                                |              |        |                   |           |                                                                                                                          |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1630</u>                                                                                                                                                                                                                                                                                                           |              |        |                   |           |                                                                                                                          |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>2245</u>                                                                                                                                                                                                                                                                                                           |              |        |                   |           |                                                                                                                          |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1400</u>                                                                                                                                                                                                                                                                                                               |              |        |                   |           |                                                                                                                          |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1630</u>                                                                                                                                                                                                                                                                                                               |              |        |                   |           |                                                                                                                          |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-30-24</u> Time <u>8:00</u>                                                                                                                                                                                                                                                                                                               |              |        |                   |           |                                                                                                                          |                 |                 |              |             |                                                                                                |                |         |         |         |                                   |  |  |  |                                                            |  |
| 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: 10/30/2024 8:57:31AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410359  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 16:32             | Logged In By:  | Noe Soto |
| Email:  | gio@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E410361.

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: Cotton Draw Unit 135 H

Work Order: E410360

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/6/24

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: 11/6/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410360  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@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  |
| S11-1'            | 6  |
| S11-2'            | 7  |
| S11-3'            | 8  |
| S11-4'            | 9  |
| S12-1'            | 10 |
| S12-2'            | 11 |
| S12-3'            | 12 |
| S12-4'            | 13 |
| S13-1'            | 14 |
| S13-2'            | 15 |
| S13-3'            | 16 |
| S13-4'            | 17 |
| S14-1'            | 18 |
| S14-2'            | 19 |
| S14-3'            | 20 |
| S14-4'            | 21 |
| S15-1'            | 22 |
| S15-2'            | 23 |
| S15-3'            | 24 |
| S15-4'            | 25 |



Table of Contents (continued)

|                                                     |    |
|-----------------------------------------------------|----|
| QC Summary Data                                     | 26 |
| QC - Volatile Organic Compounds by EPA8260B         | 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:    | Cotton Draw Unit 135 H | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007             |                |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 17:00 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S11-1'           | E410360-01A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S11-2'           | E410360-02A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S11-3'           | E410360-03A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S11-4'           | E410360-04A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S12-1'           | E410360-05A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S12-2'           | E410360-06A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S12-3'           | E410360-07A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S12-4'           | E410360-08A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S13-1'           | E410360-09A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S13-2'           | E410360-10A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S13-3'           | E410360-11A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S13-4'           | E410360-12A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S14-1'           | E410360-13A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S14-2'           | E410360-14A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S14-3'           | E410360-15A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S14-4'           | E410360-16A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S15-1'           | E410360-17A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S15-2'           | E410360-18A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S15-3'           | E410360-19A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S15-4'           | E410360-20A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

**S11-1'**  
**E410360-01**

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Bromofluorobenzene</i>                  |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               |        | 95.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Toluene-d8</i>                          |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Bromofluorobenzene</i>                  |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               |        | 95.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: Toluene-d8</i>                          |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | 194    | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 222    | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 110 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S11-2'

E410360-02

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 117 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 117 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 111 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 5:00:06PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S11-3'

E410360-03

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.1 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.1 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444097 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 108 %           | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444158 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S11-4'

E410360-04

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 112 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S12-1'

E410360-05

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 118 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 5:00:06PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S12-2'

E410360-06

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.6 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.6 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444097 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 117 %           | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444158 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S12-3'

E410360-07

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 113 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S12-4'

E410360-08

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 109 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S13-1'

E410360-09

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.6 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.6 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444097 |       |
| Diesel Range Organics (C10-C28)                       | 55.0   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 52.6   | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 108 %           | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444158 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S13-2'

E410360-10

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.9 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.9 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 106 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S13-3'

E410360-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.6 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 111 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 5:00:06PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S13-4'

E410360-12

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
|                                                       |        |                 |             |          |                |       |
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130      | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130      | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444097 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| Surrogate: n-Nonane                                   |        | 110 %           | 50-200      | 10/30/24 | 11/03/24       |       |
|                                                       |        |                 |             |          |                |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444158 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S14-1'

E410360-13

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 111 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 111 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | 38.4   | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 113 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 5:00:06PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S14-2'

E410360-14

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.8 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.8 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444097 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 116 %           | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444158 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S14-3'

E410360-15

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.9 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.9 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 111 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S14-4'

E410360-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.7 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.7 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 110 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 5:00:06PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S15-1'

E410360-17

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | 2.85   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | 3.13   | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | 5.98   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         | 118 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.0 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 113 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Gasoline Range Organics (C6-C10)                      | 209    | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         | 118 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.0 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 | 113 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444097 |       |
| Diesel Range Organics (C10-C28)                       | 9020   | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 3070   | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 226 %  | 50-200          |             | 10/30/24 | 11/03/24       | S5    |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444158 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S15-2'

E410360-18

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 117 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.5 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 117 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.5 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 112 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S15-3'

E410360-19

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.3 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444083 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.3 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444097 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/30/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 112 %           | 50-200   | 10/30/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444158 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 5:00:06PM

S15-4'

E410360-20

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.3 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444083 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.3 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444097 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/30/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 112 %           | 50-200      | 10/30/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444158 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/6/2024 5:00:06PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

Volatile Organic Compounds by EPA 8260B

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 (2444083-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.561 |        | 0.500 |  | 112  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.468 |        | 0.500 |  | 93.6 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.543 |        | 0.500 |  | 109  | 70-130 |  |  |  |

LCS (2444083-BS1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.51  | 0.0250 | 2.50  |  | 100  | 70-130 |  |  |  |
| Ethylbenzene                     | 2.48  | 0.0250 | 2.50  |  | 99.3 | 70-130 |  |  |  |
| Toluene                          | 2.50  | 0.0250 | 2.50  |  | 100  | 70-130 |  |  |  |
| o-Xylene                         | 2.60  | 0.0250 | 2.50  |  | 104  | 70-130 |  |  |  |
| p,m-Xylene                       | 5.16  | 0.0500 | 5.00  |  | 103  | 70-130 |  |  |  |
| Total Xylenes                    | 7.76  | 0.0250 | 7.50  |  | 103  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.580 |        | 0.500 |  | 116  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.478 |        | 0.500 |  | 95.6 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.547 |        | 0.500 |  | 109  | 70-130 |  |  |  |

LCS Dup (2444083-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |       |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|-------|----|--|
| Benzene                          | 2.53  | 0.0250 | 2.50  |  | 101  | 70-130 | 0.695 | 23 |  |
| Ethylbenzene                     | 2.53  | 0.0250 | 2.50  |  | 101  | 70-130 | 1.87  | 27 |  |
| Toluene                          | 2.57  | 0.0250 | 2.50  |  | 103  | 70-130 | 2.66  | 24 |  |
| o-Xylene                         | 2.72  | 0.0250 | 2.50  |  | 109  | 70-130 | 4.31  | 27 |  |
| p,m-Xylene                       | 5.37  | 0.0500 | 5.00  |  | 107  | 70-130 | 4.01  | 27 |  |
| Total Xylenes                    | 8.09  | 0.0250 | 7.50  |  | 108  | 70-130 | 4.11  | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.592 |        | 0.500 |  | 118  | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.482 |        | 0.500 |  | 96.3 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.544 |        | 0.500 |  | 109  | 70-130 |       |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 5:00:06PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2444083-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.561 |      | 0.500 |  | 112  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.468 |      | 0.500 |  | 93.6 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.543 |      | 0.500 |  | 109  | 70-130 |  |  |  |

LCS (2444083-BS2) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.2  | 20.0 | 50.0  |  | 82.3 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.585 |      | 0.500 |  | 117  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.466 |      | 0.500 |  | 93.2 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.550 |      | 0.500 |  | 110  | 70-130 |  |  |  |

LCS Dup (2444083-BSD2) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |       |    |  |
|----------------------------------|-------|------|-------|--|------|--------|-------|----|--|
| Gasoline Range Organics (C6-C10) | 41.1  | 20.0 | 50.0  |  | 82.1 | 70-130 | 0.204 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.581 |      | 0.500 |  | 116  | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.478 |      | 0.500 |  | 95.6 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.544 |      | 0.500 |  | 109  | 70-130 |       |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 5:00:06PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2444097-BLK1)            |      |      |      |  | Prepared: 10/30/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 57.6 |      | 50.0 |  | 115                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2444097-BS1)               |      |      |      |  | Prepared: 10/30/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 274  | 25.0 | 250  |  | 110                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 54.2 |      | 50.0 |  | 108                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2444097-BSD1)          |      |      |      |  | Prepared: 10/30/24 Analyzed: 11/03/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 284  | 25.0 | 250  |  | 114                                   | 38-132 | 3.55 | 20 |  |
| Surrogate: n-Nonane             | 54.7 |      | 50.0 |  | 109                                   | 50-200 |      |    |  |





QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 5:00:06PM |

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 (2444158-BLK1)   |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2444158-BS1)      |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 255 | 20.0 | 250 |  | 102                                   | 90-110 |       |    |  |
| LCS Dup (2444158-BSD1) |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 254 | 20.0 | 250 |  | 102                                   | 90-110 | 0.160 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 17:00 |

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



## Project Information

## Chain of Custody

Page 5 of 8

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |           |                                                                                                                                                  |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|--------------|-------------|--------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------|--|----------|----------|-----------------------------------|--|--|--|---------------------------------|--|
| Client: Pima Environmental Services<br>Project: <u>Cotton Draw Unit 135 H</u><br>Project Manager: <u>Gio Gomez</u><br>Address: <u>5614 N. Lovington Hwy.</u><br>City, State, Zip: <u>Hobbs, NM. 88240</u><br>Phone: <u>806-782-1151</u><br>Email: <u>gio@pimaoil.com</u><br>Report due by: _____                                                                                                      |              |          |                   |           | Bill To<br>Attention: <u>Devon</u><br>Address: _____<br>City, State, Zip: _____<br>Phone: _____<br>Email: _____<br>Pima Project # <u>1-255-1</u> |                          |                 |              |             | Lab Use Only<br>Lab WO# <u>E 410360</u> Job Number <u>0058-0007</u><br>Analysis and Method |                                     |                                             |  |          |          | TAT<br>1D 2D 3D Standard <u>X</u> |  |  |  | EPA Program<br>CWA SDWA<br>RCRA |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |           |                                                                                                                                                  |                          |                 |              |             |                                                                                            | State<br>NM CO UT AZ TX<br><u>X</u> |                                             |  |          | Remarks  |                                   |  |  |  |                                 |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix   | No. of Containers | Sample ID | Lab Number                                                                                                                                       | DRO/DRO by 8015          | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010                                                                                | Chloride 300.0                      |                                             |  | BGDOC NM | BGDOC TX |                                   |  |  |  |                                 |  |
| 1:11                                                                                                                                                                                                                                                                                                                                                                                                  | 10/25        | S        |                   | S11-1'    | 1                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  | X        |          |                                   |  |  |  |                                 |  |
| 1:17                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S11-2'    | 2                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 1:28                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S11-3'    | 3                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 1:36                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S11-4'    | 4                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 1:39                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S12-1'    | 5                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 1:47                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S12-2'    | 6                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 1:49                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S12-3'    | 7                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 1:56                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S12-4'    | 8                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 1:58                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S13-1'    | 9                                                                                                                                                |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| 2:07                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S13-2'    | 10                                                                                                                                               |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| Additional Instructions: <u>Billing # 21126428</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)                                                                                                                                                                                                                                                                                                                                                                          |              | Date     |                   | Time      |                                                                                                                                                  | Received by: (Signature) |                 | Date         |             | Time                                                                                       |                                     | Lab Use Only<br>Received on ice: <u>Y/N</u> |  |          |          |                                   |  |  |  |                                 |  |
| Karime Adame                                                                                                                                                                                                                                                                                                                                                                                          |              | 10/29/24 |                   | 2:00      |                                                                                                                                                  | Michelle Gonzales        |                 | 10-29-24     |             | 1400                                                                                       |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |
| Michelle Gonzales                                                                                                                                                                                                                                                                                                                                                                                     |              | 10-29-24 |                   | 1630      |                                                                                                                                                  | Cathy Mon                |                 | 10-29-24     |             | 1630                                                                                       |                                     | T1 _____ T2 _____ T3 _____                  |  |          |          |                                   |  |  |  |                                 |  |
| Cathy Mon                                                                                                                                                                                                                                                                                                                                                                                             |              | 10-29-24 |                   | 2245      |                                                                                                                                                  | Cathy Mon                |                 | 10-30-24     |             | 8:00                                                                                       |                                     | AVG Temp °C <u>4</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. |              |          |                   |           |                                                                                                                                                  |                          |                 |              |             |                                                                                            |                                     |                                             |  |          |          |                                   |  |  |  |                                 |  |

## Project Information

## Chain of Custody

Page 6 of 8

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |                          |                                                                                                                                                         |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|----------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|----------|--|--|--|--|-----------------------------------------------------|--|--|--|---------------------------------------------------|--|
| Client: Pima Environmental Services<br>Project: <u>Cotton Draw Unit B5H</u><br>Project Manager: <u>Gio Gomez</u><br>Address: <u>5614 N. Lovington Hwy.</u><br>City, State, Zip: <u>Hobbs, NM, 88240</u><br>Phone: <u>806-782-1151</u><br>Email: <u>gio@pimaoil.com</u><br>Report due by: _____                                                                                                        |              |          |                   |                          | Bill To: <u>Devon</u><br>Attention: _____<br>Address: _____<br>City, State, Zip: _____<br>Phone: _____<br>Email: _____<br>Pima Project # <u>1-255-1</u> |                 |                 |                                              |             | Lab Use Only<br>Lab WO# <u>E410360</u> Job Number <u>01058-0007</u><br>Analysis and Method<br>DRO/DRO by 8015 _____ GRO/DRO by 8015 _____ BTEX by 8021 _____ VOC by 8260 _____ Metals 6010 _____ Chloride 300.0 _____<br>BGDOC NM _____ BGDOC TX _____ |                |          |          |  |  |  |  | TAT<br>1D _____ 2D _____ 3D _____ Standard <u>X</u> |  |  |  | EPA Program<br>CWA _____ SDWA _____<br>RCRA _____ |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |                          |                                                                                                                                                         |                 |                 |                                              |             | State<br>NM <u>X</u> CO _____ UT _____ AZ _____ TX _____                                                                                                                                                                                               |                |          |          |  |  |  |  | Remarks                                             |  |  |  |                                                   |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix   | No. of Containers | Sample ID                | Lab Number                                                                                                                                              | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021                                 | VOC by 8260 | Metals 6010                                                                                                                                                                                                                                            | Chloride 300.0 | BGDOC NM | BGDOC TX |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:11                                                                                                                                                                                                                                                                                                                                                                                                  | 10/25        | S        |                   | S13-3'                   | 11                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                | X        |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:17                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S13-4'                   | 12                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:25                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S14-1'                   | 13                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:36                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S14-2'                   | 14                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:39                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S14-3'                   | 15                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:41                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S14-4'                   | 16                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:46                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S15-1'                   | 17                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:51                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S15-2'                   | 18                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 2:56                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S15-3'                   | 19                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 3:00                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S15-4'                   | 20                                                                                                                                                      |                 |                 |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| Additional Instructions: <u>Billing #21126428</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)                                                                                                                                                                                                                                                                                                                                                                          |              | Date     | Time              | Received by: (Signature) |                                                                                                                                                         | Date            | Time            | Lab Use Only<br>Received on ice: <u>01 N</u> |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| Karime Adame                                                                                                                                                                                                                                                                                                                                                                                          |              | 10/29/24 | 2:00              | Michelle Gonzales        |                                                                                                                                                         | 10/29/24        | 1400            |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date     | Time              | Received by: (Signature) |                                                                                                                                                         | Date            | Time            | T1 _____ T2 _____ T3 _____                   |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| Michelle Gonzales                                                                                                                                                                                                                                                                                                                                                                                     |              | 10/29/24 | 1630              | [Signature]              |                                                                                                                                                         | 10/29/24        | 1630            |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date     | Time              | Received by: (Signature) |                                                                                                                                                         | Date            | Time            | AVG Temp °C <u>4</u>                         |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| [Signature]                                                                                                                                                                                                                                                                                                                                                                                           |              | 10/29/24 | 2245              | Cathy Man                |                                                                                                                                                         | 10/30/24        | 8:00            |                                              |             |                                                                                                                                                                                                                                                        |                |          |          |  |  |  |  |                                                     |  |  |  |                                                   |  |
| 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: 10/30/2024 9:06:42AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410360  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 16:33             | Logged In By:  | Noe Soto |
| Email:  | gio@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E410361.

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

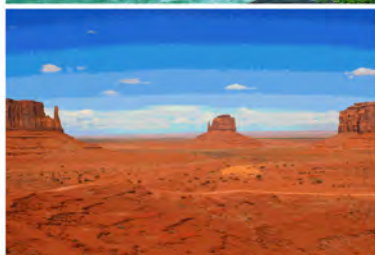
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410361

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/6/24

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: 11/6/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410361  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@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  |
| S16-1'            | 6  |
| S16-2'            | 7  |
| S16-3'            | 8  |
| S16-4'            | 9  |
| S17-1'            | 10 |
| S17-2'            | 11 |
| S17-3'            | 12 |
| S17-4'            | 13 |
| S18-1'            | 14 |
| S18-2'            | 15 |
| S18-3'            | 16 |
| S18-4'            | 17 |
| S19-1'            | 18 |
| S19-2'            | 19 |
| S19-3'            | 20 |
| S19-4'            | 21 |
| S20-1'            | 22 |
| S20-2'            | 23 |
| S20-3'            | 24 |
| S20-4'            | 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:    | Cotton Draw Unit 135 H | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007             |                |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 09:25 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S16-1'           | E410361-01A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S16-2'           | E410361-02A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S16-3'           | E410361-03A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S16-4'           | E410361-04A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S17-1'           | E410361-05A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S17-2'           | E410361-06A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S17-3'           | E410361-07A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S17-4'           | E410361-08A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S18-1'           | E410361-09A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S18-2'           | E410361-10A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S18-3'           | E410361-11A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S18-4'           | E410361-12A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S19-1'           | E410361-13A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S19-2'           | E410361-14A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S19-3'           | E410361-15A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S19-4'           | E410361-16A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S20-1'           | E410361-17A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S20-2'           | E410361-18A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S20-3'           | E410361-19A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |
| S20-4'           | E410361-20A   | Soil   | 10/25/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

**S16-1'**

**E410361-01**

| Analyte                                               | Result       | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg        | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Benzene                                               | ND           | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | <b>0.270</b> | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | <b>0.311</b> | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | <b>2.20</b>  | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | <b>2.87</b>  | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | <b>5.07</b>  | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |              |                 |             |          |                |       |
|                                                       |              | 99.0 %          | 70-130      | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg        | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Gasoline Range Organics (C6-C10)                      | <b>115</b>   | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |              |                 |             |          |                |       |
|                                                       |              | 118 %           | 70-130      | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg        | mg/kg           | Analyst: AF |          | Batch: 2444130 |       |
| Diesel Range Organics (C10-C28)                       | <b>7750</b>  | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | <b>2950</b>  | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |              |                 |             |          |                |       |
|                                                       |              | 171 %           | 50-200      | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg        | mg/kg           | Analyst: JM |          | Batch: 2444159 |       |
| Chloride                                              | ND           | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S16-2'

E410361-02

| Analyte                                               | Result       | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |              |                 |          |             |          |                |
|                                                       | mg/kg        | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND           | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND           | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND           | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND           | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | <b>0.107</b> | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | <b>0.107</b> | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |              |                 |          |             |          |                |
|                                                       | 90.7 %       | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |              |                 |          |             |          |                |
|                                                       | mg/kg        | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND           | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |              |                 |          |             |          |                |
|                                                       | 93.5 %       | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |              |                 |          |             |          |                |
|                                                       | mg/kg        | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND           | 25.0            | 1        | 10/31/24    | 11/05/24 |                |
| Oil Range Organics (C28-C36)                          | ND           | 50.0            | 1        | 10/31/24    | 11/05/24 |                |
| <i>Surrogate: n-Nonane</i>                            |              |                 |          |             |          |                |
|                                                       | 108 %        | 50-200          |          | 10/31/24    | 11/05/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |              |                 |          |             |          |                |
|                                                       | mg/kg        | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND           | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S16-3'

E410361-03

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.2 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 93.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 107 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S16-4'

E410361-04

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.2 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 113 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 9:25:42AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S17-1'

E410361-05

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.7 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.7 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: AF |          | Batch: 2444130 |       |
| Diesel Range Organics (C10-C28)                       | 307    | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 327    | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 110 %  | 50-200          |             | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2444159 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S17-2'

E410361-06

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 92.0 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 93.7 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 108 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 9:25:42AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S17-3'

E410361-07

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       | 91.3 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       | 92.8 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: AF |          | Batch: 2444130 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       | 111 %  | 50-200          |             | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2444159 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 9:25:42AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S17-4'

E410361-08

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 90.4 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.3 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: AF |          | Batch: 2444130 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 108 %  | 50-200          |             | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2444159 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S18-1'

E410361-09

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 90.5 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 91.9 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | 314    | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 210    | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 113 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S18-2'

E410361-10

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 90.5 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.9 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 112 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S18-3'

E410361-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 90.9 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 93.0 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 109 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S18-4'

E410361-12

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.5 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 93.4 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 113 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S19-1'

E410361-13

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 91.1 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 92.3 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 118 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S19-2'

E410361-14

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.7 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.1 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 112 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S19-3'

E410361-15

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 90.4 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 91.9 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 112 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S19-4'

E410361-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.3 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 93.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 111 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 9:25:42AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S20-1'

E410361-17

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       | 90.0 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2444100 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       | 92.3 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: AF |          | Batch: 2444130 |       |
| Diesel Range Organics (C10-C28)                       | 84.7   | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 94.7   | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       | 122 %  | 50-200          |             | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2444159 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S20-2'

E410361-18

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 90.4 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 93.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 104 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S20-3'

E410361-19

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 89.4 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 109 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:25:42AM

S20-4'

E410361-20

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 89.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444100 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.5 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444130 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 107 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444159 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 9:25:42AM |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2444100-BLK1) Prepared: 10/30/24 Analyzed: 11/04/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.14 |        | 8.00 |  | 89.2 | 70-130 |  |  |  |

LCS (2444100-BS1) Prepared: 10/30/24 Analyzed: 11/04/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.86 | 0.0250 | 5.00 |  | 97.2 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.79 | 0.0250 | 5.00 |  | 95.8 | 70-130 |  |  |  |
| Toluene                             | 4.86 | 0.0250 | 5.00 |  | 97.3 | 70-130 |  |  |  |
| o-Xylene                            | 4.81 | 0.0250 | 5.00 |  | 96.2 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.73 | 0.0500 | 10.0 |  | 97.3 | 70-130 |  |  |  |
| Total Xylenes                       | 14.5 | 0.0250 | 15.0 |  | 96.9 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.17 |        | 8.00 |  | 89.6 | 70-130 |  |  |  |

LCS Dup (2444100-BSD1) Prepared: 10/30/24 Analyzed: 11/04/24

|                                     |      |        |      |  |      |        |      |    |  |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene                             | 4.80 | 0.0250 | 5.00 |  | 96.0 | 70-130 | 1.17 | 20 |  |
| Ethylbenzene                        | 4.72 | 0.0250 | 5.00 |  | 94.4 | 70-130 | 1.45 | 20 |  |
| Toluene                             | 4.80 | 0.0250 | 5.00 |  | 96.1 | 70-130 | 1.27 | 20 |  |
| o-Xylene                            | 4.74 | 0.0250 | 5.00 |  | 94.7 | 70-130 | 1.55 | 20 |  |
| p,m-Xylene                          | 9.59 | 0.0500 | 10.0 |  | 95.9 | 70-130 | 1.46 | 20 |  |
| Total Xylenes                       | 14.3 | 0.0250 | 15.0 |  | 95.5 | 70-130 | 1.49 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.25 |        | 8.00 |  | 90.6 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/6/2024 9:25:42AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

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 (2444100-BLK1) Prepared: 10/30/24 Analyzed: 11/04/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.34 |      | 8.00 |  | 91.7 | 70-130 |  |  |  |

LCS (2444100-BS2) Prepared: 10/30/24 Analyzed: 11/04/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 40.7 | 20.0 | 50.0 |  | 81.3 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.51 |      | 8.00 |  | 93.9 | 70-130 |  |  |  |

LCS Dup (2444100-BSD2) Prepared: 10/30/24 Analyzed: 11/04/24

|                                         |      |      |      |  |      |        |       |    |  |
|-----------------------------------------|------|------|------|--|------|--------|-------|----|--|
| Gasoline Range Organics (C6-C10)        | 40.9 | 20.0 | 50.0 |  | 81.8 | 70-130 | 0.580 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.50 |      | 8.00 |  | 93.8 | 70-130 |       |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 9:25:42AM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

| 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 (2444130-BLK1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                 |      |      |      |  |      |        |  |  |  |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |      |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |      |        |  |  |  |
| Surrogate: n-Nonane             | 49.8 |      | 50.0 |  | 99.6 | 50-200 |  |  |  |

LCS (2444130-BS1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                 |      |      |      |  |     |        |  |  |  |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 261  | 25.0 | 250  |  | 105 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 55.1 |      | 50.0 |  | 110 | 50-200 |  |  |  |

LCS Dup (2444130-BSD1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                 |      |      |      |  |     |        |      |    |  |
|---------------------------------|------|------|------|--|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 272  | 25.0 | 250  |  | 109 | 38-132 | 3.96 | 20 |  |
| Surrogate: n-Nonane             | 56.1 |      | 50.0 |  | 112 | 50-200 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 9:25:42AM |

Anions by EPA 300.0/9056A

Analyst: JM

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

|                        |     |      |     |  |                                       |        |       |    |  |
|------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| Blank (2444159-BLK1)   |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2444159-BS1)      |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 253 | 20.0 | 250 |  | 101                                   | 90-110 |       |    |  |
| LCS Dup (2444159-BSD1) |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 253 | 20.0 | 250 |  | 101                                   | 90-110 | 0.155 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 09:25 |

- 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 7 of 8

|                                                                                                                                                                                                                                                                                                                                                                                                      |              |        |                   |           |                                                                                                                                                             |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------|-----------------------------------|--|--|--|----------------------------------------|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 135H<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> 1-255-1 |  |  |  |  | <b>Lab Use Only</b><br><b>Lab WO#</b> E-110361<br><b>Job Number</b> 101058-0007                                                                                                 |  |  |  |                | <b>TAT</b><br>1D 2D 3D Standard X |  |  |  | <b>EPA Program</b><br>CWA SDWA<br>RCRA |  |
| <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>State</b><br>NM CO UT AZ TX<br>X                                                                                                                                             |  |  |  | <b>Remarks</b> |                                   |  |  |  |                                        |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                         | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                                                                                                                                                  |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:11                                                                                                                                                                                                                                                                                                                                                                                                 | 10/25        | S      |                   | S16-1'    | 1                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  | X              |                                   |  |  |  |                                        |  |
| 3:17                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S16-2'    | 2                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:19                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S16-3'    | 3                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:20                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S16-4'    | 4                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:26                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S17-1'    | 5                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:30                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S17-2'    | 6                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:35                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S17-3'    | 7                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:39                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S17-4'    | 8                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:42                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S18-1'    | 9                                                                                                                                                           |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| 3:48                                                                                                                                                                                                                                                                                                                                                                                                 |              |        |                   | S18-2'    | 10                                                                                                                                                          |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| <b>Additional Instructions:</b> Billing # 21126428                                                                                                                                                                                                                                                                                                                                                   |              |        |                   |           |                                                                                                                                                             |  |  |  |  |                                                                                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.                                                                                                                                                    |              |        |                   |           |                                                                                                                                                             |  |  |  |  | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. |  |  |  |                |                                   |  |  |  |                                        |  |
| Relinquished by: (Signature) Karime Adame<br>Date 10/29/24 Time 2:00                                                                                                                                                                                                                                                                                                                                 |              |        |                   |           |                                                                                                                                                             |  |  |  |  | Received by: (Signature) Michelle Gonzales<br>Date 10-29-24 Time 1400                                                                                                           |  |  |  |                |                                   |  |  |  |                                        |  |
| Relinquished by: (Signature) Michelle Gonzales<br>Date 10-29-24 Time 1630                                                                                                                                                                                                                                                                                                                            |              |        |                   |           |                                                                                                                                                             |  |  |  |  | Received by: (Signature) [Signature]<br>Date 10-29-24 Time 1630                                                                                                                 |  |  |  |                |                                   |  |  |  |                                        |  |
| Relinquished by: (Signature) [Signature]<br>Date 10-29-24 Time 2245                                                                                                                                                                                                                                                                                                                                  |              |        |                   |           |                                                                                                                                                             |  |  |  |  | Received by: (Signature) Cath Man<br>Date 10-30-24 Time 8:00                                                                                                                    |  |  |  |                |                                   |  |  |  |                                        |  |
| 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. Thereport 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 8 of 8

|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  |                     |  |                   |    |    |    |     |    |    |          |             |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---------------------|--|-------------------|----|----|----|-----|----|----|----------|-------------|------|
| Client: Pima Environmental Services<br>Project: <u>Cotton Draw Unit 135H</u><br>Project Manager: <u>Gio Gomez</u><br>Address: <u>5614 N. Lovington Hwy.</u><br>City, State, Zip: <u>Hobbs, NM, 88240</u><br>Phone: <u>806-782-1151</u><br>Email: <u>gio@pimaoil.com</u><br>Report due by: _____ |  |  |  |  | Attention: <u>Devon</u><br>Address: _____<br>City, State, Zip: _____<br>Phone: _____<br>Email: _____<br>Pima Project # <u>1-255-1</u> |  |  |  |  | Lab Use Only        |  |                   |    |    |    | TAT |    |    |          | EPA Program |      |
|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  | Lab WO#             |  | Job Number        |    |    |    | 1D  | 2D | 3D | Standard | CWA         | SDWA |
|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  | <u>E-110361</u>     |  | <u>01058-0007</u> |    |    |    |     |    |    | <u>X</u> |             |      |
|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  | Analysis and Method |  |                   |    |    |    |     |    |    |          |             |      |
|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  |                     |  | State             |    |    |    |     |    |    |          |             |      |
|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  |                     |  | NM                | CO | UT | AZ | TX  |    |    |          |             |      |
|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  |                     |  | <u>X</u>          |    |    |    |     |    |    |          |             |      |
|                                                                                                                                                                                                                                                                                                 |  |  |  |  |                                                                                                                                       |  |  |  |  |                     |  | Remarks           |    |    |    |     |    |    |          |             |      |

| 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 |  |  |  |  |
|--------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|--|--|--|--|
| 3:56         | 10/25        | S      |                   | S18-3'    | 11         |                 |                 |              |             |             |                | <u>X</u> |          |  |  |  |  |
| 4:11         |              |        |                   | S18-4'    | 12         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 4:18         |              |        |                   | S19-1'    | 13         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 4:23         |              |        |                   | S19-2'    | 14         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 4:29         |              |        |                   | S19-3'    | 15         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 4:36         |              |        |                   | S19-4'    | 16         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 4:42         |              |        |                   | S20-1'    | 17         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 4:56         |              |        |                   | S20-2'    | 18         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 4:54         |              |        |                   | S20-3'    | 19         |                 |                 |              |             |             |                |          |          |  |  |  |  |
| 5:11         |              |        |                   | S20-4'    | 20         |                 |                 |              |             |             |                |          |          |  |  |  |  |

**Additional Instructions:**

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

Sampled by: \_\_\_\_\_

|                              |                 |             |                          |                 |             |                                                                                                   |
|------------------------------|-----------------|-------------|--------------------------|-----------------|-------------|---------------------------------------------------------------------------------------------------|
| Relinquished by: (Signature) | Date            | Time        | Received by: (Signature) | Date            | Time        | Lab Use Only<br>Received on Ice: <u>Y/N</u><br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |
| <u>Karime Adame</u>          | <u>10/29/24</u> | <u>2:00</u> | <u>Michelle Gonzales</u> | <u>10-29-24</u> | <u>1400</u> |                                                                                                   |
| <u>Michelle Gonzales</u>     | <u>10-29-24</u> | <u>1630</u> | <u>[Signature]</u>       | <u>10-29-24</u> | <u>1630</u> |                                                                                                   |
| Relinquished by: (Signature) | Date            | Time        | Received by: (Signature) | Date            | Time        |                                                                                                   |
| <u>[Signature]</u>           | <u>10.29.24</u> | <u>2245</u> | <u>Carth Man</u>         | <u>10-30-24</u> | <u>8:00</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: 10/30/2024 9:00:18AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410361  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 16:34             | Logged In By:  | Noe Soto |
| Email:  | gio@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E4

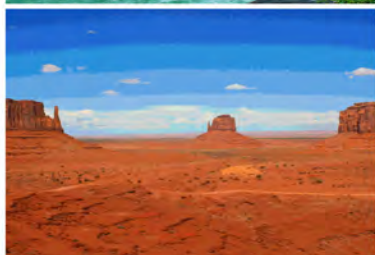
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410362

Job Number: 01058-0007

Received: 10/30/2024

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/6/24

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: 11/6/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410362  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[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  |
| S21-1'            | 6  |
| S21-2'            | 7  |
| S21-3'            | 8  |
| S21-4'            | 9  |
| S22-1'            | 10 |
| S22-2'            | 11 |
| S22-3'            | 12 |
| S22-4'            | 13 |
| S23-1'            | 14 |
| S23-2'            | 15 |
| S23-3'            | 16 |
| S23-4'            | 17 |
| S24-1'            | 18 |
| S24-2'            | 19 |
| S24-3'            | 20 |
| S24-4'            | 21 |
| S25-1'            | 22 |
| S25-2'            | 23 |
| S25-3'            | 24 |
| S25-4'            | 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:    | Cotton Draw Unit 135 H | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007             |                |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 16:46 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S21-1'           | E410362-01A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S21-2'           | E410362-02A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S21-3'           | E410362-03A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S21-4'           | E410362-04A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S22-1'           | E410362-05A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S22-2'           | E410362-06A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S22-3'           | E410362-07A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S22-4'           | E410362-08A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S23-1'           | E410362-09A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S23-2'           | E410362-10A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S23-3'           | E410362-11A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S23-4'           | E410362-12A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S24-1'           | E410362-13A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S24-2'           | E410362-14A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S24-3'           | E410362-15A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S24-4'           | E410362-16A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S25-1'           | E410362-17A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S25-2'           | E410362-18A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S25-3'           | E410362-19A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S25-4'           | E410362-20A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

**S21-1'**

**E410362-01**

| Analyte                                               | Result       | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg        | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND           | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | <b>0.452</b> | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | <b>0.359</b> | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | <b>4.27</b>  | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | <b>6.55</b>  | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | <b>10.8</b>  | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |              |                 |             |          |                |       |
|                                                       |              | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg        | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | <b>182</b>   | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |              |                 |             |          |                |       |
|                                                       |              | 114 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg        | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | <b>8520</b>  | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | <b>2340</b>  | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |              |                 |             |          |                |       |
|                                                       |              | 208 %           | 50-200      | 10/31/24 | 11/03/24       | S5    |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg        | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND           | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S21-2'

E410362-02

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 107 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 89.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/05/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/05/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 107 %           | 50-200   | 10/31/24    | 11/05/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S21-3'

E410362-03

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       |        | 104 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       |        | 89.0 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       |        | 98.8 %          | 50-200      | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S21-4'

E410362-04

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 103 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.4 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 107 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 4:46:45PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S22-1'

E410362-05

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | 0.362  | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | 0.218  | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | 2.15   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | 3.14   | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | 5.29   | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   |        | 112 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | 124    | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               |        | 110 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | 6460   | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 2030   | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   |        | 176 %           | 50-200      | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |





Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 4:46:45PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S22-2'

E410362-06

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 106 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 88.9 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | 48.1   | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | 63.6   | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        | 102 %           | 50-200      | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 4:46:45PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S22-3'

E410362-07

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 102 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 88.8 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        | 109 %           | 50-200      | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S22-4'

E410362-08

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 102 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.7 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 106 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S23-1'

E410362-09

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 98.1 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 86.6 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | 151    | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 169    | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 99.2 % | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 4:46:45PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S23-2'

E410362-10

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 99.9 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.0 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 106 %  | 50-200          |             | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S23-3'

E410362-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 101 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 97.3 %          | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S23-4'

E410362-12

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 87.8 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 101 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S24-1'

E410362-13

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 101 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 87.8 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | 141    | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | 139    | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 99.6 %          | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S24-2'

E410362-14

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.2 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S24-3'

E410362-15

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 99.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 88.5 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 101 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S24-4'

E410362-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.3 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                                                             |                                                                                                  |                                  |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Cotton Draw Unit 135 H<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>11/6/2024 4:46:45PM |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|

S25-1'

E410362-17

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 101 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.8 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 113 %  | 50-200          |             | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |





Sample Data

|                                                                             |                                                                                                  |                                  |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Cotton Draw Unit 135 H<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>11/6/2024 4:46:45PM |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|

S25-2'

E410362-18

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 100 %  | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 87.9 % | 70-130          |             | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| Surrogate: n-Nonane                                   | 112 %  | 50-200          |             | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S25-3'

E410362-19

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/03/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       |        | 101 %           | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444077 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/03/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       |        | 89.6 %          | 70-130      | 10/30/24 | 11/03/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444134 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/03/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/03/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       |        | 105 %           | 50-200      | 10/31/24 | 11/03/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444160 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:46:45PM

S25-4'

E410362-20

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 99.6 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444077 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 88.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444134 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 98.0 % | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444160 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 4:46:45PM |

## Volatile Organics by EPA 8021B

Analyst: BA

| 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 (2444077-BLK1)

Prepared: 10/30/24 Analyzed: 11/03/24

|                                     |      |        |      |  |     |        |  |  |  |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.01 |        | 8.00 |  | 100 | 70-130 |  |  |  |

## LCS (2444077-BS1)

Prepared: 10/30/24 Analyzed: 11/05/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 5.85 | 0.0250 | 5.00 |  | 117  | 70-130 |  |  |  |
| Ethylbenzene                        | 5.84 | 0.0250 | 5.00 |  | 117  | 70-130 |  |  |  |
| Toluene                             | 5.91 | 0.0250 | 5.00 |  | 118  | 70-130 |  |  |  |
| o-Xylene                            | 5.87 | 0.0250 | 5.00 |  | 117  | 70-130 |  |  |  |
| p,m-Xylene                          | 11.8 | 0.0500 | 10.0 |  | 118  | 70-130 |  |  |  |
| Total Xylenes                       | 17.7 | 0.0250 | 15.0 |  | 118  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.89 |        | 8.00 |  | 98.6 | 70-130 |  |  |  |

## LCS Dup (2444077-BS1)

Prepared: 10/30/24 Analyzed: 11/05/24

|                                     |      |        |      |  |      |        |      |    |  |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene                             | 5.22 | 0.0250 | 5.00 |  | 104  | 70-130 | 11.3 | 20 |  |
| Ethylbenzene                        | 5.24 | 0.0250 | 5.00 |  | 105  | 70-130 | 10.7 | 20 |  |
| Toluene                             | 5.29 | 0.0250 | 5.00 |  | 106  | 70-130 | 11.2 | 20 |  |
| o-Xylene                            | 5.26 | 0.0250 | 5.00 |  | 105  | 70-130 | 10.9 | 20 |  |
| p,m-Xylene                          | 10.7 | 0.0500 | 10.0 |  | 107  | 70-130 | 10.5 | 20 |  |
| Total Xylenes                       | 15.9 | 0.0250 | 15.0 |  | 106  | 70-130 | 10.6 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.90 |        | 8.00 |  | 98.8 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 4:46:45PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

| 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 (2444077-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.11 |      | 8.00 |  | 88.9 | 70-130 |  |  |  |

LCS (2444077-BS2) Prepared: 10/30/24 Analyzed: 11/04/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 43.6 | 20.0 | 50.0 |  | 87.2 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.18 |      | 8.00 |  | 89.8 | 70-130 |  |  |  |

LCS Dup (2444077-BSD2) Prepared: 10/30/24 Analyzed: 11/04/24

|                                         |      |      |      |  |      |        |       |    |  |
|-----------------------------------------|------|------|------|--|------|--------|-------|----|--|
| Gasoline Range Organics (C6-C10)        | 43.7 | 20.0 | 50.0 |  | 87.3 | 70-130 | 0.115 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.20 |      | 8.00 |  | 90.0 | 70-130 |       |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 4:46:45PM |

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 (2444134-BLK1)            |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 57.2 |      | 50.0 |  | 114                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2444134-BS1)               |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 257  | 25.0 | 250  |  | 103                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 53.5 |      | 50.0 |  | 107                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2444134-BSD1)          |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/03/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 233  | 25.0 | 250  |  | 93.3                                  | 38-132 | 9.71 | 20 |  |
| Surrogate: n-Nonane             | 49.0 |      | 50.0 |  | 98.0                                  | 50-200 |      |    |  |





QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 4:46:45PM |

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 (2444160-BLK1)   |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |        |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |        |    |  |
| LCS (2444160-BS1)      |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |        |    |  |
| Chloride               | 258 | 20.0 | 250 |  | 103                                   | 90-110 |        |    |  |
| LCS Dup (2444160-BSD1) |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |        |    |  |
| Chloride               | 258 | 20.0 | 250 |  | 103                                   | 90-110 | 0.0481 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 16:46 |

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

## Project Information

## Chain of Custody

Page 1 of 9

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |                          |                                                                                                                                                             |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------|--|-------------------------|--|--------------------------------|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 135H<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> 1-255-1 |      |      |                                                                                                            |  | <b>Lab Use Only</b><br><b>Lab WO#</b> F410362 <b>Job Number</b> 01058-0007                                                                               |  |  |  | <b>TAT</b><br>1D 2D 3D Standard |  |                         |  | <b>EPA Program</b><br>CWA SDWA |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |                          |                                                                                                                                                             |      |      |                                                                                                            |  | <b>Analysis and Method</b><br>DRO/ORO by 8015    GRO/ORO by 8015    BTEX by 8021    VOC by 8260    Metals 6010    Chloride 300.0    BGDOC NM    BGDOC TX |  |  |  | RCRA                            |  | State<br>NM CO UT AZ TX |  |                                |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix | No. of Containers | Sample ID                | Lab Number                                                                                                                                                  |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  | Remarks                 |  |                                |  |
| 8:07                                                                                                                                                                                                                                                                                                                                                                                                  | 10/28        | S      |                   | S21-1'                   | 1                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:11                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S21-2'                   | 2                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:17                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S21-3'                   | 3                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:19                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S21-4'                   | 4                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:23                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S22-1'                   | 5                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:25                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S22-2'                   | 6                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:30                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S22-3'                   | 7                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:36                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S22-4'                   | 8                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:42                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S23-1'                   | 9                                                                                                                                                           |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 8:49                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S23-2'                   | 10                                                                                                                                                          |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| <b>Additional Instructions:</b> Billing# 21126428                                                                                                                                                                                                                                                                                                                                                     |              |        |                   |                          |                                                                                                                                                             |      |      |                                                                                                            |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 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 | <b>Lab Use Only</b><br>Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date   | Time              | Received by: (Signature) |                                                                                                                                                             | Date | Time | T1 _____ T2 _____ T3 _____                                                                                 |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date   | Time              | Received by: (Signature) |                                                                                                                                                             | Date | Time | AVG Temp °C 4                                                                                              |  |                                                                                                                                                          |  |  |  |                                 |  |                         |  |                                |  |
| 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**

## Project Information

## Chain of Custody

Page 2 of 9

|                                                                                                                                                                                                                                                                                                          |  |  |  |  |                                                                                                                                                             |  |  |  |  |                                                                                                                                                          |  |  |  |  |  |                                     |  |      |  |                                     |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-------------------------------------|--|------|--|-------------------------------------|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 135 H<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> 1-255-1 |  |  |  |  | <b>Lab Use Only</b><br><b>Lab WO#</b> E410362 <b>Job Number</b> 01058-0007                                                                               |  |  |  |  |  | <b>TAT</b><br>1D 2D 3D Standard     |  |      |  | <b>EPA Program</b><br>CWA SDWA      |  |
|                                                                                                                                                                                                                                                                                                          |  |  |  |  |                                                                                                                                                             |  |  |  |  | <b>Analysis and Method</b><br>DRO/DRO by 8015    GRO/DRO by 8015    BTEX by 8021    VOC by 8260    Metals 6010    Chloride 300.0    BGDOC NM    BGDOC TX |  |  |  |  |  | <input checked="" type="checkbox"/> |  | RCRA |  | State<br>NM CO UT AZ TX             |  |
|                                                                                                                                                                                                                                                                                                          |  |  |  |  |                                                                                                                                                             |  |  |  |  |                                                                                                                                                          |  |  |  |  |  |                                     |  |      |  | <input checked="" type="checkbox"/> |  |
|                                                                                                                                                                                                                                                                                                          |  |  |  |  |                                                                                                                                                             |  |  |  |  | <b>Remarks</b>                                                                                                                                           |  |  |  |  |  |                                     |  |      |  |                                     |  |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |
|--------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
| 8:56         | 10/28        | S      |                   | S23-3'    | 11         |                 |                 |              |             |             |                | X        |          |         |
| 9:01         |              |        |                   | S23-4'    | 12         |                 |                 |              |             |             |                |          |          |         |
| 9:11         |              |        |                   | S24-1'    | 13         |                 |                 |              |             |             |                |          |          |         |
| 9:20         |              |        |                   | S24-2'    | 14         |                 |                 |              |             |             |                |          |          |         |
| 9:26         |              |        |                   | S24-3'    | 15         |                 |                 |              |             |             |                |          |          |         |
| 9:33         |              |        |                   | S24-4'    | 16         |                 |                 |              |             |             |                |          |          |         |
| 9:35         |              |        |                   | S25-1'    | 17         |                 |                 |              |             |             |                |          |          |         |
| 9:41         |              |        |                   | S25-2'    | 18         |                 |                 |              |             |             |                |          |          |         |
| 9:48         |              |        |                   | S25-3'    | 19         |                 |                 |              |             |             |                |          |          |         |
| 9:56         |              |        |                   | S25-4'    | 20         |                 |                 |              |             |             |                |          |          |         |

**Additional Instructions:** Billing # 21126428

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: Michelle Gonzales

|                                                       |                      |                  |                                                   |                      |                  |
|-------------------------------------------------------|----------------------|------------------|---------------------------------------------------|----------------------|------------------|
| Relinquished by: (Signature) <u>Carine Hume</u>       | Date <u>10/29/24</u> | Time <u>2:00</u> | Received by: (Signature) <u>Michelle Gonzales</u> | Date <u>10/29/24</u> | Time <u>1400</u> |
| Relinquished by: (Signature) <u>Michelle Gonzales</u> | Date <u>10/29/24</u> | Time <u>1630</u> | Received by: (Signature) <u>[Signature]</u>       | Date <u>10/29/24</u> | Time <u>1630</u> |
| Relinquished by: (Signature) <u>[Signature]</u>       | Date <u>10/29/24</u> | Time <u>1245</u> | Received by: (Signature) <u>Nae Soto</u>          | Date <u>10/30/24</u> | Time <u>0800</u> |

Lab Use Only  
Received on Ice: ☒ N

T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_

AVG Temp °C 4

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

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: 10/30/2024 9:45:24AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410362  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 17:14             | Logged In By:  | Noe Soto |
| Email:  | tom@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

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

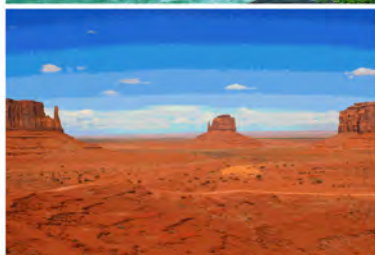
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410363

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/6/24

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: 11/6/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410363  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[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  |
| S26-1'            | 6  |
| S26-2'            | 7  |
| S26-3'            | 8  |
| S26-4'            | 9  |
| S27-1'            | 10 |
| S27-2'            | 11 |
| S27-3'            | 12 |
| S27-4'            | 13 |
| S28-1'            | 14 |
| S28-2'            | 15 |
| S28-3'            | 16 |
| S28-4'            | 17 |
| S29-1'            | 18 |
| S29-2'            | 19 |
| S29-3'            | 20 |
| S29-4'            | 21 |
| S30-1'            | 22 |
| S30-2'            | 23 |
| S30-3'            | 24 |
| S30-4'            | 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:    | Cotton Draw Unit 135 H | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007             |                |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 09:21 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S26-1'           | E410363-01A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S26-2'           | E410363-02A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S26-3'           | E410363-03A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S26-4'           | E410363-04A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S27-1'           | E410363-05A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S27-2'           | E410363-06A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S27-3'           | E410363-07A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S27-4'           | E410363-08A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S28-1'           | E410363-09A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S28-2'           | E410363-10A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S28-3'           | E410363-11A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S28-4'           | E410363-12A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S29-1'           | E410363-13A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S29-2'           | E410363-14A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S29-3'           | E410363-15A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S29-4'           | E410363-16A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S30-1'           | E410363-17A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S30-2'           | E410363-18A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S30-3'           | E410363-19A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S30-4'           | E410363-20A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S26-1'

E410363-01

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 97.3 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 97.3 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 120 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S26-2'

E410363-02

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 89.7 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 89.7 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 110 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S26-3'

E410363-03

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.6 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.7 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.6 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.7 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 110 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S26-4'

E410363-04

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.4 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.5 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.4 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.5 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 120 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S27-1'

E410363-05

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 97.3 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 97.3 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.2 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 112 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S27-2'

E410363-06

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.1 %          | 70-130   | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 113 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S27-3'

E410363-07

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.7 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.4 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.7 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.4 % | 70-130          |          | 10/30/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   | 110 %  | 50-200          |          | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S27-4'

E410363-08

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.4 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.4 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 116 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S28-1'

E410363-09

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.8 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.8 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/03/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: n-Nonane                                   |        | 107 %           | 50-200   | 10/31/24    | 11/03/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 9:21:33AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S28-2'

E410363-10

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444104 |       |
| Benzene                                               | ND     | 0.0500          | 2           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0500          | 2           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0500          | 2           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0500          | 2           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.100           | 2           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0500          | 2           | 10/30/24 | 11/04/24       |       |
| Surrogate: Bromofluorobenzene                         | 97.6 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.0 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444104 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 40.0            | 2           | 10/30/24 | 11/04/24       |       |
| Surrogate: Bromofluorobenzene                         | 97.6 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.0 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: AF |          | Batch: 2444135 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 114 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2444161 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S28-3'

E410363-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 108 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S28-4'

E410363-12

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0500          | 2        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0500          | 2        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0500          | 2        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0500          | 2        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.100           | 2        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0500          | 2        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.5 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 40.0            | 2        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.5 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   | 107 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S29-1'

E410363-13

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 96.4 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 91.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 96.4 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 91.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | 30.8   | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   | 120 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S29-2'

E410363-14

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.7 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.2 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.7 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.2 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   | 122 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S29-3'

E410363-15

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.3 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.3 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 103 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   | 115 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S29-4'

E410363-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.7 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.3 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.7 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.3 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   | 118 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S30-1'

E410363-17

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.8 %          | 70-130   | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | 117    | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | 55.0   | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 119 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S30-2'

E410363-18

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 107 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 97.8 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 107 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   | 117 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/6/2024 9:21:33AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S30-3'

E410363-19

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444104 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/30/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: Bromofluorobenzene                         | 97.0 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.7 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: Toluene-d8                                 | 107 %  | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444104 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/30/24 | 11/04/24       |       |
| Surrogate: Bromofluorobenzene                         | 97.0 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 94.7 % | 70-130          |             | 10/30/24 | 11/04/24       |       |
| Surrogate: Toluene-d8                                 | 107 %  | 70-130          |             | 10/30/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: AF |          | Batch: 2444135 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 113 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2444161 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/02/24 | 11/02/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 9:21:33AM

S30-4'

E410363-20

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/30/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 97.3 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444104 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/30/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 97.3 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.6 % | 70-130          |          | 10/30/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/30/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AF |          | Batch: 2444135 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   | 120 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2444161 |
| Chloride                                              | ND     | 20.0            | 1        | 11/02/24    | 11/02/24 |                |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/6/2024 9:21:33AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

Volatile Organic Compounds by EPA 8260B

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 (2444104-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.494 |        | 0.500 |  | 98.7 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.466 |        | 0.500 |  | 93.1 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.528 |        | 0.500 |  | 106  | 70-130 |  |  |  |

LCS (2444104-BS1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.36  | 0.0250 | 2.50  |  | 94.3 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.57  | 0.0250 | 2.50  |  | 103  | 70-130 |  |  |  |
| Toluene                          | 2.51  | 0.0250 | 2.50  |  | 100  | 70-130 |  |  |  |
| o-Xylene                         | 2.66  | 0.0250 | 2.50  |  | 106  | 70-130 |  |  |  |
| p,m-Xylene                       | 5.37  | 0.0500 | 5.00  |  | 107  | 70-130 |  |  |  |
| Total Xylenes                    | 8.03  | 0.0250 | 7.50  |  | 107  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.498 |        | 0.500 |  | 99.6 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.504 |        | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.517 |        | 0.500 |  | 103  | 70-130 |  |  |  |

LCS Dup (2444104-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |      |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene                          | 2.15  | 0.0250 | 2.50  |  | 85.9 | 70-130 | 9.39 | 23 |  |
| Ethylbenzene                     | 2.40  | 0.0250 | 2.50  |  | 96.2 | 70-130 | 6.67 | 27 |  |
| Toluene                          | 2.35  | 0.0250 | 2.50  |  | 93.8 | 70-130 | 6.76 | 24 |  |
| o-Xylene                         | 2.45  | 0.0250 | 2.50  |  | 97.9 | 70-130 | 8.13 | 27 |  |
| p,m-Xylene                       | 4.96  | 0.0500 | 5.00  |  | 99.1 | 70-130 | 8.03 | 27 |  |
| Total Xylenes                    | 7.40  | 0.0250 | 7.50  |  | 98.7 | 70-130 | 8.06 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.500 |        | 0.500 |  | 99.9 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.507 |        | 0.500 |  | 101  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.522 |        | 0.500 |  | 104  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 9:21:33AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2444104-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.494 |      | 0.500 |  | 98.7 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.466 |      | 0.500 |  | 93.1 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.528 |      | 0.500 |  | 106  | 70-130 |  |  |  |

LCS (2444104-BS2) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 50.9  | 20.0 | 50.0  |  | 102  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.491 |      | 0.500 |  | 98.2 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.484 |      | 0.500 |  | 96.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.523 |      | 0.500 |  | 105  | 70-130 |  |  |  |

LCS Dup (2444104-BSD2) Prepared: 10/30/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.4  | 20.0 | 50.0  |  | 98.8 | 70-130 | 2.96 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.503 |      | 0.500 |  | 101  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.472 |      | 0.500 |  | 94.4 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.530 |      | 0.500 |  | 106  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 9:21:33AM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

| 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 (2444135-BLK1)            |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 63.6 |      | 50.0 |  | 127                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2444135-BS1)               |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/03/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 284  | 25.0 | 250  |  | 113                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 59.0 |      | 50.0 |  | 118                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2444135-BSD1)          |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/03/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 291  | 25.0 | 250  |  | 116                                   | 38-132 | 2.40 | 20 |  |
| Surrogate: n-Nonane             | 59.4 |      | 50.0 |  | 119                                   | 50-200 |      |    |  |





QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 9:21:33AM |

Anions by EPA 300.0/9056A

Analyst: JM

| 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 (2444161-BLK1)   |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2444161-BS1)      |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 250 | 20.0 | 250 |  | 100                                   | 90-110 |       |    |  |
| LCS Dup (2444161-BSD1) |     |      |     |  | Prepared: 11/02/24 Analyzed: 11/02/24 |        |       |    |  |
| Chloride               | 250 | 20.0 | 250 |  | 99.9                                  | 90-110 | 0.196 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 09:21 |

- 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 9

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|-----------------|------------------------------|-------------|-------------|----------------|--------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|------|--------------------------|--|------|------|------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--------------|--|----------|------|-------------------|--|----------|------|-------------------|--|----------|------|-------------|--|----------|------|------------------------------|--|------|------|--------------------------|--|------|------|------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-------------|--|----------|------|----------|--|----------|------|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 135 H<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> 1-255-1 |          |      |                                                                                                                              |  | <b>Lab Use Only</b>        |                 | <b>TAT</b>                   |             |             |                | <b>EPA Program</b> |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  | <b>Lab WO#</b> E 410363    |                 | <b>Job Number</b> 01058-0007 |             | 1D          | 2D             | 3D                 | Standard | CWA                                                                                                                                                                                       | SDWA |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  | <b>Analysis and Method</b> |                 |                              |             |             |                |                    |          | <b>RCRA</b><br><br><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"/> |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  | DRO/DRO by 8015            | GRO/DRO by 8015 | BTEX by 8021                 | VOC by 8260 | Metals 6010 | Chloride 300.0 |                    | BGDOC NM |                                                                                                                                                                                           |      | BGDOC TX |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date Sampled | Matrix   | No. of Containers | Sample ID                | Lab Number                                                                                                                                                  |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    | Remarks  |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10/28        | S        |                   | S26-1'                   | 1                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S26-2'                   | 2                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S26-3'                   | 3                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S26-4'                   | 4                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S27-1'                   | 5                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S27-2'                   | 6                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S27-3'                   | 7                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S27-4'                   | 8                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 10:56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S28-1'                   | 9                                                                                                                                                           |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 11:11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   | S28-2'                   | 10                                                                                                                                                          |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| <b>Additional Instructions:</b> Billing# 2112648                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td colspan="2">Received by: (Signature)</td> <td>Date</td> <td>Time</td> <td colspan="10" rowspan="3"> <b>Lab Use Only</b><br/>           Received on ice: <input checked="" type="checkbox"/> N<br/>           T1 _____ T2 _____ T3 _____<br/>           AVG Temp °C 4         </td> </tr> <tr> <td colspan="2">Karine Adame</td> <td>10/29/24</td> <td>2:00</td> <td colspan="2">Michelle Gonzales</td> <td>10/29/24</td> <td>1400</td> </tr> <tr> <td colspan="2">Michelle Gonzales</td> <td>10/29/24</td> <td>1630</td> <td colspan="2">[Signature]</td> <td>10/29/24</td> <td>1630</td> </tr> <tr> <td colspan="2">Relinquished by: (Signature)</td> <td>Date</td> <td>Time</td> <td colspan="2">Received by: (Signature)</td> <td>Date</td> <td>Time</td> <td colspan="10" rowspan="2">           Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA         </td> </tr> <tr> <td colspan="2">[Signature]</td> <td>10/29/24</td> <td>2245</td> <td colspan="2">Nae Sato</td> <td>10/30/24</td> <td>0800</td> </tr> </table> |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          | Relinquished by: (Signature)                                                                                                                                                              |      | Date     | Time | Received by: (Signature) |  | Date | Time | <b>Lab Use Only</b><br>Received on ice: <input checked="" type="checkbox"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C 4 |  |  |  |  |  |  |  |  |  | Karine Adame |  | 10/29/24 | 2:00 | Michelle Gonzales |  | 10/29/24 | 1400 | Michelle Gonzales |  | 10/29/24 | 1630 | [Signature] |  | 10/29/24 | 1630 | Relinquished by: (Signature) |  | Date | Time | Received by: (Signature) |  | Date | Time | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA |  |  |  |  |  |  |  |  |  | [Signature] |  | 10/29/24 | 2245 | Nae Sato |  | 10/30/24 | 0800 |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | Date     | Time              | Received by: (Signature) |                                                                                                                                                             | Date     | Time | <b>Lab Use Only</b><br>Received on ice: <input checked="" type="checkbox"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C 4 |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| Karine Adame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 10/29/24 | 2:00              | Michelle Gonzales        |                                                                                                                                                             | 10/29/24 | 1400 |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| Michelle Gonzales                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              | 10/29/24 | 1630              | [Signature]              |                                                                                                                                                             | 10/29/24 | 1630 |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | Date     | Time              | Received by: (Signature) |                                                                                                                                                             | Date     | Time | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA                                                       |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| [Signature]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              | 10/29/24 | 2245              | Nae Sato                 |                                                                                                                                                             | 10/30/24 | 0800 |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |                          |                                                                                                                                                             |          |      |                                                                                                                              |  |                            |                 |                              |             |             |                |                    |          |                                                                                                                                                                                           |      |          |      |                          |  |      |      |                                                                                                                              |  |  |  |  |  |  |  |  |  |              |  |          |      |                   |  |          |      |                   |  |          |      |             |  |          |      |                              |  |      |      |                          |  |      |      |                                                                        |  |  |  |  |  |  |  |  |  |             |  |          |      |          |  |          |      |

## Project Information

## Chain of Custody

Page 4 of 9

|                                                                                                                                                                                                                                                                                                 |              |        |                   |           |                                                                                                                                                  |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------|-------------|--------------------------------------------------------------------------------------------|----------------|----------|----------|---------|-----------------------------------|--|--|--|---------------------------------|--|
| Client: Pima Environmental Services<br>Project: <u>Cotton Draw Unit 155H</u><br>Project Manager: <u>Gio Gomez</u><br>Address: <u>5614 N. Lovington Hwy.</u><br>City, State, Zip: <u>Hobbs, NM, 88240</u><br>Phone: <u>806-782-1151</u><br>Email: <u>gio@pimaoil.com</u><br>Report due by: _____ |              |        |                   |           | Bill To<br>Attention: <u>Devon</u><br>Address: _____<br>City, State, Zip: _____<br>Phone: _____<br>Email: _____<br>Pima Project # <u>1-255-1</u> |                 |                 |              |             | Lab Use Only<br>Lab WO# <u>E410363</u> Job Number <u>01058-0007</u><br>Analysis and Method |                |          |          |         | TAT<br>1D 2D 3D Standard <u>X</u> |  |  |  | EPA Program<br>CWA SDWA<br>RCRA |  |
|                                                                                                                                                                                                                                                                                                 |              |        |                   |           |                                                                                                                                                  |                 |                 |              |             | State<br>NM CO UT AZ TX<br><u>X</u>                                                        |                |          |          |         |                                   |  |  |  |                                 |  |
| Time Sampled                                                                                                                                                                                                                                                                                    | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                                                                                                                                       | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010                                                                                | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |                                   |  |  |  |                                 |  |
| 11:17                                                                                                                                                                                                                                                                                           | 10/28        | S      |                   | S28-3'    | 11                                                                                                                                               |                 |                 |              |             |                                                                                            |                | X        |          |         |                                   |  |  |  |                                 |  |
| 11:20                                                                                                                                                                                                                                                                                           |              |        |                   | S28-4'    | 12                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 11:25                                                                                                                                                                                                                                                                                           |              |        |                   | S29-1'    | 13                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 11:36                                                                                                                                                                                                                                                                                           |              |        |                   | S29-2'    | 14                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 11:41                                                                                                                                                                                                                                                                                           |              |        |                   | S29-3'    | 15                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 11:49                                                                                                                                                                                                                                                                                           |              |        |                   | S29-4'    | 16                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 11:56                                                                                                                                                                                                                                                                                           |              |        |                   | S30-1'    | 17                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 11:59                                                                                                                                                                                                                                                                                           |              |        |                   | S30-2'    | 18                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 12:00                                                                                                                                                                                                                                                                                           |              |        |                   | S30-3'    | 19                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |
| 12:11                                                                                                                                                                                                                                                                                           |              |        |                   | S30-4'    | 20                                                                                                                                               |                 |                 |              |             |                                                                                            |                |          |          |         |                                   |  |  |  |                                 |  |

**Additional Instructions:** Billing # 21126428

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 5 °C on subsequent days.

|                                                          |                         |                     |                                                      |                         |                     |                                                                                                   |
|----------------------------------------------------------|-------------------------|---------------------|------------------------------------------------------|-------------------------|---------------------|---------------------------------------------------------------------------------------------------|
| Relinquished by: (Signature)<br><u>Curime Aron</u>       | Date<br><u>10/29/24</u> | Time<br><u>2:00</u> | Received by: (Signature)<br><u>Michelle Gonzales</u> | Date<br><u>10/29/24</u> | Time<br><u>1400</u> | Lab Use Only<br>Received on ice: <u>Y/N</u><br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |
| Relinquished by: (Signature)<br><u>Michelle Gonzales</u> | Date<br><u>10/29/24</u> | Time<br><u>1630</u> | Received by: (Signature)<br><u>Joe</u>               | Date<br><u>10/29/24</u> | Time<br><u>1630</u> |                                                                                                   |
| Relinquished by: (Signature)<br><u>Joe</u>               | Date<br><u>10/29/24</u> | Time<br><u>2245</u> | Received by: (Signature)<br><u>Nae Soto</u>          | Date<br><u>10/30/24</u> | Time<br><u>0800</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: 10/30/2024 9:53:46AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410363  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 17:15             | Logged In By:  | Noe Soto |
| Email:  | tom@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

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

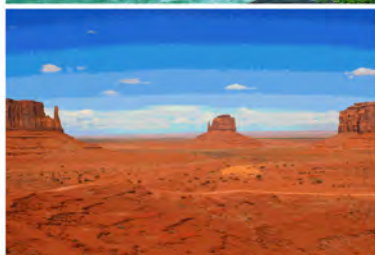
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410364

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/6/24

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: 11/6/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410364  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[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  |
| S31-1'            | 6  |
| S31-2'            | 7  |
| S31-3'            | 8  |
| S31-4'            | 9  |
| S32-1'            | 10 |
| S32-2'            | 11 |
| S32-3'            | 12 |
| S32-4'            | 13 |
| S33-1'            | 14 |
| S33-2'            | 15 |
| S33-3'            | 16 |
| S33-4'            | 17 |
| S34-1'            | 18 |
| S34-2'            | 19 |
| S34-3'            | 20 |
| S34-4'            | 21 |
| S35-1'            | 22 |
| S35-2'            | 23 |
| S35-3'            | 24 |
| S35-4'            | 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:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/06/24 16:18 |
| PO Box 247                           | Project Number:  | 01058-0007             |                                    |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                    |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S31-1'           | E410364-01A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S31-2'           | E410364-02A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S31-3'           | E410364-03A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S31-4'           | E410364-04A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S32-1'           | E410364-05A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S32-2'           | E410364-06A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S32-3'           | E410364-07A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S32-4'           | E410364-08A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S33-1'           | E410364-09A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S33-2'           | E410364-10A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S33-3'           | E410364-11A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S33-4'           | E410364-12A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S34-1'           | E410364-13A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S34-2'           | E410364-14A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S34-3'           | E410364-15A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S34-4'           | E410364-16A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S35-1'           | E410364-17A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S35-2'           | E410364-18A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S35-3'           | E410364-19A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S35-4'           | E410364-20A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

**S31-1'**

**E410364-01**

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.8 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.8 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 103 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S31-2'

E410364-02

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.1 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 115 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.1 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 107 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 104 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S31-3'

E410364-03

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.0 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 111 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.0 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 111 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 120 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S31-4'

E410364-04

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 109 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.4 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 109 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.4 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 110 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S32-1'

E410364-05

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.2 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/03/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.2 %          | 70-130   | 10/31/24    | 11/03/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 10/31/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 113 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S32-2'

E410364-06

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.6 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.6 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 115 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S32-3'

E410364-07

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 116 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.5 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 116 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.5 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 109 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S32-4'

E410364-08

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.5 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 92.5 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 111 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S33-1'

E410364-09

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.7 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.7 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 110 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S33-2'

E410364-10

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 108 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S33-3'

E410364-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.1 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.1 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 110 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 112 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S33-4'

E410364-12

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 114 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S34-1'

E410364-13

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.6 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 111 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.6 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 117 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S34-2'

E410364-14

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 114 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S34-3'

E410364-15

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 105 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S34-4'

E410364-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.8 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.8 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 109 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S35-1'

E410364-17

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | 37.0   | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 122 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S35-2'

E410364-18

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 110 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.0 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 110 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 98.0 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 109 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 110 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/05/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S35-3'

E410364-19

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 112 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.9 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 112 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/05/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/6/2024 4:18:24PM

S35-4'

E410364-20

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444126 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 114 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.1 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 108 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444136 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: n-Nonane                                   |        | 107 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445021 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/05/24 |                |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/6/2024 4:18:24PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

Volatile Organic Compounds by EPA 8260B

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 (2444126-BLK1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| Ethylbenzene                     | ND    | 0.0250 |       |  |      |        |  |  |  |
| Toluene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| o-Xylene                         | ND    | 0.0250 |       |  |      |        |  |  |  |
| p,m-Xylene                       | ND    | 0.0500 |       |  |      |        |  |  |  |
| Total Xylenes                    | ND    | 0.0250 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.574 |        | 0.500 |  | 115  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.473 |        | 0.500 |  | 94.6 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.527 |        | 0.500 |  | 105  | 70-130 |  |  |  |

LCS (2444126-BS1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.46  | 0.0250 | 2.50  |  | 98.2 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.46  | 0.0250 | 2.50  |  | 98.5 | 70-130 |  |  |  |
| Toluene                          | 2.49  | 0.0250 | 2.50  |  | 99.7 | 70-130 |  |  |  |
| o-Xylene                         | 2.60  | 0.0250 | 2.50  |  | 104  | 70-130 |  |  |  |
| p,m-Xylene                       | 5.16  | 0.0500 | 5.00  |  | 103  | 70-130 |  |  |  |
| Total Xylenes                    | 7.75  | 0.0250 | 7.50  |  | 103  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.580 |        | 0.500 |  | 116  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.466 |        | 0.500 |  | 93.1 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.537 |        | 0.500 |  | 107  | 70-130 |  |  |  |

LCS Dup (2444126-BSD1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                  |       |        |       |  |      |        |      |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene                          | 2.49  | 0.0250 | 2.50  |  | 99.6 | 70-130 | 1.35 | 23 |  |
| Ethylbenzene                     | 2.52  | 0.0250 | 2.50  |  | 101  | 70-130 | 2.33 | 27 |  |
| Toluene                          | 2.55  | 0.0250 | 2.50  |  | 102  | 70-130 | 2.06 | 24 |  |
| o-Xylene                         | 2.65  | 0.0250 | 2.50  |  | 106  | 70-130 | 1.93 | 27 |  |
| p,m-Xylene                       | 5.29  | 0.0500 | 5.00  |  | 106  | 70-130 | 2.59 | 27 |  |
| Total Xylenes                    | 7.94  | 0.0250 | 7.50  |  | 106  | 70-130 | 2.37 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.579 |        | 0.500 |  | 116  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.482 |        | 0.500 |  | 96.3 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.539 |        | 0.500 |  | 108  | 70-130 |      |    |  |



## QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b>    |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 4:18:24PM |

## 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 (2444126-BLK1)

Prepared: 10/31/24 Analyzed: 11/03/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.574 |      | 0.500 |  | 115  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.473 |      | 0.500 |  | 94.6 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.527 |      | 0.500 |  | 105  | 70-130 |  |  |  |

## LCS (2444126-BS2)

Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 35.0  | 20.0 | 50.0  |  | 70.1 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.573 |      | 0.500 |  | 115  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487 |      | 0.500 |  | 97.3 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.548 |      | 0.500 |  | 110  | 70-130 |  |  |  |

## LCS Dup (2444126-BSD2)

Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 36.0  | 20.0 | 50.0  |  | 71.9 | 70-130 | 2.61 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.585 |      | 0.500 |  | 117  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.468 |      | 0.500 |  | 93.5 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.545 |      | 0.500 |  | 109  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/6/2024 4:18:24PM |

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 (2444136-BLK1)            |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/04/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 52.7 |      | 50.0 |  | 105                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2444136-BS1)               |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/04/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 261  | 25.0 | 250  |  | 104                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 53.4 |      | 50.0 |  | 107                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2444136-BSD1)          |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/04/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 280  | 25.0 | 250  |  | 112                                   | 38-132 | 7.01 | 20 |  |
| Surrogate: n-Nonane             | 57.1 |      | 50.0 |  | 114                                   | 50-200 |      |    |  |



QC Summary Data

|                                      |                  |                        |                                             |
|--------------------------------------|------------------|------------------------|---------------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br><br>11/6/2024 4:18:24PM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                             |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                             |

Anions by EPA 300.0/9056A

Analyst: DT

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

|                               |     |      |     |  |                                       |        |       |    |  |
|-------------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| <b>Blank (2445021-BLK1)</b>   |     |      |     |  | Prepared: 11/04/24 Analyzed: 11/04/24 |        |       |    |  |
| Chloride                      | ND  | 20.0 |     |  |                                       |        |       |    |  |
| <b>LCS (2445021-BS1)</b>      |     |      |     |  | Prepared: 11/04/24 Analyzed: 11/04/24 |        |       |    |  |
| Chloride                      | 251 | 20.0 | 250 |  | 101                                   | 90-110 |       |    |  |
| <b>LCS Dup (2445021-BSD1)</b> |     |      |     |  | Prepared: 11/04/24 Analyzed: 11/04/24 |        |       |    |  |
| Chloride                      | 250 | 20.0 | 250 |  | 100                                   | 90-110 | 0.534 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/06/24 16:18 |

- 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 9

| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 135H<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> Debra<br><b>Address:</b><br><b>City, State, Zip:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Pima Project #</b> 1-255-1 |                          |  |          |  | <b>Lab Use Only</b><br><b>Lab WO#</b> E410364 <b>Job Number</b> 01058-0007                                                 |  |                                                                               |  | <b>TAT</b><br>1D 2D 3D Standard X |  |  |  | <b>EPA Program</b><br>CWA SDWA |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--|----------|--|----------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|-----------------------------------|--|--|--|--------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |           |                                                                                                                                                             |                          |  |          |  | <b>Analysis and Method</b>                                                                                                 |  |                                                                               |  |                                   |  |  |  | <b>RCRA</b>                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |           |                                                                                                                                                             |                          |  |          |  | <b>State</b><br>NM CO UT AZ TX                                                                                             |  |                                                                               |  |                                   |  |  |  | <b>Remarks</b>                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |           |                                                                                                                                                             |                          |  |          |  | DRO/DRO by 8015    GRO/DRO by 8015    BTEX by 8021    VOC by 8260    Metals 6010    Chloride 300.0    BGDOC NM    BGDOC TX |  |                                                                               |  |                                   |  |  |  |                                |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix   | No. of Containers | Sample ID | Lab Number                                                                                                                                                  |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:20                                                                                                                                                                                                                                                                                                                                                                                                 | 10/28        | S        |                   | S31-1'    | 1                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:23                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S31-2'    | 2                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:28                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S31-3'    | 3                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:36                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S31-4'    | 4                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:39                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S32-1'    | 5                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:40                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S32-2'    | 6                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:46                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S32-3'    | 7                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:56                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S32-4'    | 8                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 12:59                                                                                                                                                                                                                                                                                                                                                                                                 |              |          |                   | S33-1'    | 9                                                                                                                                                           |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 1:04                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | S33-2'    | 10                                                                                                                                                          |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| <b>Additional Instructions:</b> Billing #211 264 28                                                                                                                                                                                                                                                                                                                                                   |              |          |                   |           |                                                                                                                                                             |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| 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                                                                                                                       |  | <b>Lab Use Only</b><br>Received on ice: <input checked="" type="checkbox"/> N |  |                                   |  |  |  |                                |  |
| Michelle Gonzalez                                                                                                                                                                                                                                                                                                                                                                                     |              | 10/29/24 |                   | 2:00      |                                                                                                                                                             | Michelle Gonzalez        |  | 10/29/24 |  | 1400                                                                                                                       |  |                                                                               |  |                                   |  |  |  |                                |  |
| Michelle Gonzalez                                                                                                                                                                                                                                                                                                                                                                                     |              | 10/29/24 |                   | 1630      |                                                                                                                                                             | Noe                      |  | 10/29/24 |  | 1630                                                                                                                       |  | T1    T2    T3                                                                |  |                                   |  |  |  |                                |  |
| Noe                                                                                                                                                                                                                                                                                                                                                                                                   |              | 10/29/24 |                   | 1245      |                                                                                                                                                             | Noe                      |  | 10/30/24 |  | 0800                                                                                                                       |  | AVG Temp °C 4                                                                 |  |                                   |  |  |  |                                |  |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other                                                                                                                                                                                                                                                                                                                              |              |          |                   |           |                                                                                                                                                             |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA                                                                                                                                                                                                                                                                                                                                |              |          |                   |           |                                                                                                                                                             |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |          |                   |           |                                                                                                                                                             |                          |  |          |  |                                                                                                                            |  |                                                                               |  |                                   |  |  |  |                                |  |

## Project Information

## Chain of Custody

Page 6 of 9

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |           |                                                                                                                                                  |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--|--|---------|-----------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------------------------------|--|
| Client: Pima Environmental Services<br>Project: <u>Cotton Draw Unit 135H</u><br>Project Manager: <u>Gio Gomez</u><br>Address: <u>5614 N. Lovington Hwy.</u><br>City, State, Zip: <u>Hobbs, NM. 88240</u><br>Phone: <u>806-782-1151</u><br>Email: <u>gio@pimaoil.com</u><br>Report due by: _____                                                                                                       |              |        |                   |           | Bill To<br>Attention: <u>Devon</u><br>Address: _____<br>City, State, Zip: _____<br>Phone: _____<br>Email: _____<br>Pima Project # <u>1-255-1</u> |                 |                 |              |             | Lab Use Only<br>Lab WO# <u>E410364</u><br>Job Number: <u>01059-0007</u><br>Analysis and Method                                                                  |                |  |  |         | TAT<br>1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input checked="" type="checkbox"/> |  |  |  | EPA Program<br>CWA <input type="checkbox"/> SDWA <input type="checkbox"/><br>RCRA <input type="checkbox"/> |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |           |                                                                                                                                                  |                 |                 |              |             | State<br>NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/> |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |           |                                                                                                                                                  |                 |                 |              |             | BGDOC NM <input checked="" type="checkbox"/> BGDOC TX <input type="checkbox"/>                                                                                  |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |           |                                                                                                                                                  |                 |                 |              |             |                                                                                                                                                                 |                |  |  | Remarks |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 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 |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:11                                                                                                                                                                                                                                                                                                                                                                                                  | 10/28        | S      |                   | S33-3'    | 11                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:17                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S33-4'    | 12                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:20                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S34-1'    | 13                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:26                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S34-2'    | 14                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:29                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S34-3'    | 15                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:35                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S34-4'    | 16                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:39                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S35-1'    | 17                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:46                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S35-2'    | 18                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:48                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S35-3'    | 19                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| 1:56                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S35-4'    | 20                                                                                                                                               |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| Additional Instructions: <u>BH# 21126428</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>Carime Adams</u><br>Date <u>10/29/24</u> Time <u>2:00</u>                                                                                                                                                                                                                                                                                                             |              |        |                   |           | Received by: (Signature) <u>Michelle Gonzales</u><br>Date <u>10-29-24</u> Time <u>1400</u>                                                       |                 |                 |              |             | Lab Use Only<br>Received on ice: <u>01 N</u>                                                                                                                    |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| Relinquished by: (Signature) <u>Michelle Gonzales</u><br>Date <u>10-29-24</u> Time <u>1630</u>                                                                                                                                                                                                                                                                                                        |              |        |                   |           | Received by: (Signature) <u>[Signature]</u><br>Date <u>10-29-24</u> Time <u>1630</u>                                                             |                 |                 |              |             | T1 _____ T2 _____ T3 _____                                                                                                                                      |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |
| Relinquished by: (Signature) <u>[Signature]</u><br>Date <u>10-29-24</u> Time <u>2245</u>                                                                                                                                                                                                                                                                                                              |              |        |                   |           | Received by: (Signature) <u>Noc</u><br>Date <u>10-30-24</u> Time <u>0800</u>                                                                     |                 |                 |              |             | AVG Temp °C <u>4</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. |              |        |                   |           |                                                                                                                                                  |                 |                 |              |             |                                                                                                                                                                 |                |  |  |         |                                                                                                                                         |  |  |  |                                                                                                            |  |

## Envirotech Analytical Laboratory

Printed: 10/30/2024 10:01:57AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410364  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 17:15             | Logged In By:  | Noe Soto |
| Email:  | tom@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

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

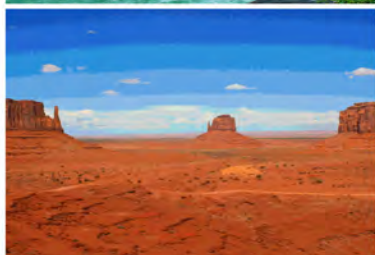
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410365

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/7/24

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: 11/7/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H  
Workorder: E410365  
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@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  |
| S36-1'            | 6  |
| S36-2'            | 7  |
| S36-3'            | 8  |
| S36-4'            | 9  |
| S37-1'            | 10 |
| S37-2'            | 11 |
| S37-3'            | 12 |
| S37-4'            | 13 |
| S38-1'            | 14 |
| S38-2'            | 15 |
| S38-3'            | 16 |
| S38-4'            | 17 |
| S39-1'            | 18 |
| S39-2'            | 19 |
| S39-3'            | 20 |
| S39-4'            | 21 |
| S40-1'            | 22 |
| S40-2'            | 23 |
| S40-3'            | 24 |
| S40-4'            | 25 |

## Table of Contents (continued)

|                                                     |    |
|-----------------------------------------------------|----|
| SW1                                                 | 26 |
| SW2                                                 | 27 |
| SW3                                                 | 28 |
| SW4                                                 | 29 |
| SW5                                                 | 30 |
| SW6                                                 | 31 |
| QC Summary Data                                     | 32 |
| QC - Volatile Organic Compounds by EPA8260B         | 32 |
| QC - Volatile Organics by EPA 8021B                 | 33 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 35 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 38 |
| QC - Anions by EPA 300.0/9056A                      | 41 |
| Definitions and Notes                               | 43 |
| Chain of Custody etc.                               | 44 |



## Sample Summary

|                                      |                  |                        |                                    |
|--------------------------------------|------------------|------------------------|------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/07/24 08:24 |
| PO Box 247                           | Project Number:  | 01058-0007             |                                    |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                    |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S36-1'           | E410365-01A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S36-2'           | E410365-02A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S36-3'           | E410365-03A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S36-4'           | E410365-04A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S37-1'           | E410365-05A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S37-2'           | E410365-06A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S37-3'           | E410365-07A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S37-4'           | E410365-08A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S38-1'           | E410365-09A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S38-2'           | E410365-10A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S38-3'           | E410365-11A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S38-4'           | E410365-12A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S39-1'           | E410365-13A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S39-2'           | E410365-14A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S39-3'           | E410365-15A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S39-4'           | E410365-16A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S40-1'           | E410365-17A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S40-2'           | E410365-18A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S40-3'           | E410365-19A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| S40-4'           | E410365-20A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| SW1              | E410365-21A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| SW2              | E410365-22A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| SW3              | E410365-23A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| SW4              | E410365-24A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| SW5              | E410365-25A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |
| SW6              | E410365-26A   | Soil   | 10/28/24 | 10/30/24 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

**S36-1'**

**E410365-01**

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 102 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 88.2 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | 80.6   | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 115 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S36-2'

E410365-02

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 101 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.5 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 110 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S36-3'

E410365-03

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 101 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.4 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 102 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S36-4'

E410365-04

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 101 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.6 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 112 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S37-1'

E410365-05

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 102 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 87.5 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 110 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S37-2'

E410365-06

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 99.7 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 87.9 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 110 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S37-3'

E410365-07

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 89.1 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 102 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



Sample Data

|                                                                             |                                                                                                  |                                  |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|
| Pima Environmental Services-Carlsbad<br>PO Box 247<br>Plains TX, 79355-0247 | Project Name: Cotton Draw Unit 135 H<br>Project Number: 01058-0007<br>Project Manager: Gio Gomez | Reported:<br>11/7/2024 8:24:54AM |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|

S37-4'

E410365-08

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 100 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.4 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 110 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S38-1'

E410365-09

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 101 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.2 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 115 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S38-2'

E410365-10

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 101 %           | 70-130      | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 88.6 %          | 70-130      | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        | 114 %           | 50-200      | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S38-3'

E410365-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 99.2 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 88.6 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 112 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S38-4'

E410365-12

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 100 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.9 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 116 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S39-1'

E410365-13

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 101 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 89.0 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 106 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S39-2'

E410365-14

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.1 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 109 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S39-3'

E410365-15

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       |        | 100 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       |        | 88.8 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       |        | 103 %           | 50-200   | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S39-4'

E410365-16

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444143 |
| Benzene                                               | ND     | 0.0250          | 1        | 11/01/24    | 11/03/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 11/01/24    | 11/03/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 11/01/24    | 11/03/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 11/01/24    | 11/03/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 11/01/24    | 11/03/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 11/01/24    | 11/03/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 91.3 % | 70-130          |          | 11/01/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2444143 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 11/01/24    | 11/03/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 92.2 % | 70-130          |          | 11/01/24    | 11/03/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444148 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 11/01/24    | 11/02/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 11/01/24    | 11/02/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 105 %  | 50-200          |          | 11/01/24    | 11/02/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S40-1'

E410365-17

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       | 100 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       | 88.6 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       | 105 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

S40-2'

E410365-18

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 99.7 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2444127 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.8 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444140 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/04/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: n-Nonane                                   | 123 %  | 50-200          |             | 10/31/24 | 11/04/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2445004 |       |
| Chloride                                              | ND     | 20.0            | 1           | 11/04/24 | 11/04/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S40-3'

E410365-19

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 99.6 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 88.5 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 121 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

S40-4'

E410365-20

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|                                                       | 99.0 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2444127 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|                                                       | 87.8 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444140 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/04/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/04/24 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|                                                       | 116 %  | 50-200          |          | 10/31/24    | 11/04/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2445004 |
| Chloride                                              | ND     | 20.0            | 1        | 11/04/24    | 11/04/24 |                |





## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

## SW1

## E410365-21

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.3 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.3 %          | 70-130   | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444141 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/05/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/05/24 |                |
| Surrogate: n-Nonane                                   |        | 104 %           | 50-200   | 10/31/24    | 11/05/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444063 |
| Chloride                                              | ND     | 20.0            | 1        | 10/30/24    | 10/31/24 |                |



Sample Data

|                                      |                  |                        |                                         |
|--------------------------------------|------------------|------------------------|-----------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                         |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                         |

SW2

E410365-22

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444128 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 10/31/24 | 11/04/24       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: Bromofluorobenzene                         | 99.6 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.2 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2444128 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 10/31/24 | 11/04/24       |       |
| Surrogate: Bromofluorobenzene                         | 99.6 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.2 % | 70-130          |             | 10/31/24 | 11/04/24       |       |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |             | 10/31/24 | 11/04/24       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2444141 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 10/31/24 | 11/05/24       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 10/31/24 | 11/05/24       |       |
| Surrogate: n-Nonane                                   | 105 %  | 50-200          |             | 10/31/24 | 11/05/24       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2444063 |       |
| Chloride                                              | ND     | 20.0            | 1           | 10/30/24 | 10/31/24       |       |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

## SW3

## E410365-23

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.4 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.5 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.4 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.5 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444141 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/05/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/05/24 |                |
| Surrogate: n-Nonane                                   | 111 %  | 50-200          |          | 10/31/24    | 11/05/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444063 |
| Chloride                                              | ND     | 20.0            | 1        | 10/30/24    | 10/31/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

## SW4

## E410365-24

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.4 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 96.6 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 98.4 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 96.6 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444141 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/05/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/05/24 |                |
| Surrogate: n-Nonane                                   | 107 %  | 50-200          |          | 10/31/24    | 11/05/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444063 |
| Chloride                                              | ND     | 20.0            | 1        | 10/30/24    | 10/31/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

## SW5

## E410365-25

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.3 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.6 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.3 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 95.6 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 104 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444141 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/05/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/05/24 |                |
| Surrogate: n-Nonane                                   | 111 %  | 50-200          |          | 10/31/24    | 11/05/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444063 |
| Chloride                                              | ND     | 20.0            | 1        | 10/30/24    | 10/31/24 |                |



## Sample Data

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

Project Name: Cotton Draw Unit 135 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/7/2024 8:24:54AM

## SW6

## E410365-26

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Benzene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 10/31/24    | 11/04/24 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.5 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.3 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: IY |          | Batch: 2444128 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/31/24    | 11/04/24 |                |
| Surrogate: Bromofluorobenzene                         | 99.5 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 93.3 % | 70-130          |          | 10/31/24    | 11/04/24 |                |
| Surrogate: Toluene-d8                                 | 106 %  | 70-130          |          | 10/31/24    | 11/04/24 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2444141 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/31/24    | 11/05/24 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/31/24    | 11/05/24 |                |
| Surrogate: n-Nonane                                   | 107 %  | 50-200          |          | 10/31/24    | 11/05/24 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2444063 |
| Chloride                                              | ND     | 20.0            | 1        | 10/30/24    | 10/31/24 |                |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

Volatile Organic Compounds by EPA 8260B

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 (2444128-BLK1) Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| Ethylbenzene                     | ND    | 0.0250 |       |  |      |        |  |  |  |
| Toluene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| o-Xylene                         | ND    | 0.0250 |       |  |      |        |  |  |  |
| p,m-Xylene                       | ND    | 0.0500 |       |  |      |        |  |  |  |
| Total Xylenes                    | ND    | 0.0250 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.499 |        | 0.500 |  | 99.7 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.460 |        | 0.500 |  | 92.0 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.515 |        | 0.500 |  | 103  | 70-130 |  |  |  |

LCS (2444128-BS1) Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.17  | 0.0250 | 2.50  |  | 87.0 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.45  | 0.0250 | 2.50  |  | 98.1 | 70-130 |  |  |  |
| Toluene                          | 2.38  | 0.0250 | 2.50  |  | 95.2 | 70-130 |  |  |  |
| o-Xylene                         | 2.53  | 0.0250 | 2.50  |  | 101  | 70-130 |  |  |  |
| p,m-Xylene                       | 5.10  | 0.0500 | 5.00  |  | 102  | 70-130 |  |  |  |
| Total Xylenes                    | 7.63  | 0.0250 | 7.50  |  | 102  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.496 |        | 0.500 |  | 99.1 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495 |        | 0.500 |  | 98.9 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.519 |        | 0.500 |  | 104  | 70-130 |  |  |  |

LCS Dup (2444128-BSD1) Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |        |       |  |      |        |       |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|-------|----|--|
| Benzene                          | 2.18  | 0.0250 | 2.50  |  | 87.1 | 70-130 | 0.138 | 23 |  |
| Ethylbenzene                     | 2.45  | 0.0250 | 2.50  |  | 98.1 | 70-130 | 0.00  | 27 |  |
| Toluene                          | 2.38  | 0.0250 | 2.50  |  | 95.0 | 70-130 | 0.189 | 24 |  |
| o-Xylene                         | 2.59  | 0.0250 | 2.50  |  | 104  | 70-130 | 2.50  | 27 |  |
| p,m-Xylene                       | 5.15  | 0.0500 | 5.00  |  | 103  | 70-130 | 0.887 | 27 |  |
| Total Xylenes                    | 7.74  | 0.0250 | 7.50  |  | 103  | 70-130 | 1.42  | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.507 |        | 0.500 |  | 101  | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 |        | 0.500 |  | 98.1 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.520 |        | 0.500 |  | 104  | 70-130 |       |    |  |





## QC Summary Data

|                                      |                  |                        |                                             |
|--------------------------------------|------------------|------------------------|---------------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | <b>Reported:</b><br><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                             |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                             |

## Volatile Organics by EPA 8021B

Analyst: BA

| 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 (2444127-BLK1)

Prepared: 10/31/24 Analyzed: 11/04/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.39 |        | 8.00 |  | 92.4 | 70-130 |  |  |  |

## LCS (2444127-BS1)

Prepared: 10/31/24 Analyzed: 11/04/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 5.02 | 0.0250 | 5.00 |  | 100  | 70-130 |  |  |  |
| Ethylbenzene                        | 5.02 | 0.0250 | 5.00 |  | 100  | 70-130 |  |  |  |
| Toluene                             | 5.07 | 0.0250 | 5.00 |  | 101  | 70-130 |  |  |  |
| o-Xylene                            | 5.03 | 0.0250 | 5.00 |  | 101  | 70-130 |  |  |  |
| p,m-Xylene                          | 10.2 | 0.0500 | 10.0 |  | 102  | 70-130 |  |  |  |
| Total Xylenes                       | 15.3 | 0.0250 | 15.0 |  | 102  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.68 |        | 8.00 |  | 95.9 | 70-130 |  |  |  |

## LCS Dup (2444127-BSD1)

Prepared: 10/31/24 Analyzed: 11/04/24

|                                     |      |        |      |  |      |        |      |    |  |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene                             | 4.53 | 0.0250 | 5.00 |  | 90.5 | 70-130 | 10.3 | 20 |  |
| Ethylbenzene                        | 4.53 | 0.0250 | 5.00 |  | 90.5 | 70-130 | 10.2 | 20 |  |
| Toluene                             | 4.57 | 0.0250 | 5.00 |  | 91.4 | 70-130 | 10.3 | 20 |  |
| o-Xylene                            | 4.52 | 0.0250 | 5.00 |  | 90.5 | 70-130 | 10.6 | 20 |  |
| p,m-Xylene                          | 9.23 | 0.0500 | 10.0 |  | 92.3 | 70-130 | 10.2 | 20 |  |
| Total Xylenes                       | 13.8 | 0.0250 | 15.0 |  | 91.7 | 70-130 | 10.3 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.82 |        | 8.00 |  | 97.7 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

Volatile Organics by EPA 8021B

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 (2444143-BLK1)

Prepared: 11/01/24 Analyzed: 11/01/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.05 |        | 8.00 |  | 88.1 | 70-130 |  |  |  |

LCS (2444143-BS1)

Prepared: 11/01/24 Analyzed: 11/01/24

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 5.25 | 0.0250 | 5.00 |  | 105  | 70-130 |  |  |  |
| Ethylbenzene                        | 5.13 | 0.0250 | 5.00 |  | 103  | 70-130 |  |  |  |
| Toluene                             | 5.22 | 0.0250 | 5.00 |  | 104  | 70-130 |  |  |  |
| o-Xylene                            | 5.12 | 0.0250 | 5.00 |  | 102  | 70-130 |  |  |  |
| p,m-Xylene                          | 10.4 | 0.0500 | 10.0 |  | 104  | 70-130 |  |  |  |
| Total Xylenes                       | 15.5 | 0.0250 | 15.0 |  | 104  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.12 |        | 8.00 |  | 89.0 | 70-130 |  |  |  |

LCS Dup (2444143-BSD1)

Prepared: 11/01/24 Analyzed: 11/01/24

|                                     |      |        |      |  |      |        |       |    |  |
|-------------------------------------|------|--------|------|--|------|--------|-------|----|--|
| Benzene                             | 5.26 | 0.0250 | 5.00 |  | 105  | 70-130 | 0.147 | 20 |  |
| Ethylbenzene                        | 5.15 | 0.0250 | 5.00 |  | 103  | 70-130 | 0.410 | 20 |  |
| Toluene                             | 5.24 | 0.0250 | 5.00 |  | 105  | 70-130 | 0.281 | 20 |  |
| o-Xylene                            | 5.14 | 0.0250 | 5.00 |  | 103  | 70-130 | 0.298 | 20 |  |
| p,m-Xylene                          | 10.5 | 0.0500 | 10.0 |  | 105  | 70-130 | 0.367 | 20 |  |
| Total Xylenes                       | 15.6 | 0.0250 | 15.0 |  | 104  | 70-130 | 0.345 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.13 |        | 8.00 |  | 89.1 | 70-130 |       |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 8:24:54AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

| 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 (2444127-BLK1) Prepared: 10/31/24 Analyzed: 11/04/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.20 |      | 8.00 |  | 90.0 | 70-130 |  |  |  |

LCS (2444127-BS2) Prepared: 10/31/24 Analyzed: 11/06/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 42.1 | 20.0 | 50.0 |  | 84.1 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.14 |      | 8.00 |  | 89.2 | 70-130 |  |  |  |

LCS Dup (2444127-BSD2) Prepared: 10/31/24 Analyzed: 11/04/24

|                                         |      |      |      |  |      |        |      |    |  |
|-----------------------------------------|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 41.6 | 20.0 | 50.0 |  | 83.2 | 70-130 | 1.19 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.18 |      | 8.00 |  | 89.8 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 8:24:54AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2444128-BLK1) Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.499 |      | 0.500 |  | 99.7 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.460 |      | 0.500 |  | 92.0 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.515 |      | 0.500 |  | 103  | 70-130 |  |  |  |

LCS (2444128-BS2) Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 56.3  | 20.0 | 50.0  |  | 113  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.513 |      | 0.500 |  | 103  | 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 |  |  |  |

LCS Dup (2444128-BSD2) Prepared: 10/31/24 Analyzed: 11/04/24

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 53.1  | 20.0 | 50.0  |  | 106  | 70-130 | 5.82 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.501 |      | 0.500 |  | 100  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.486 |      | 0.500 |  | 97.1 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.532 |      | 0.500 |  | 106  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 8:24:54AM |

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 (2444143-BLK1) Prepared: 11/01/24 Analyzed: 11/01/24

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

LCS (2444143-BS2) Prepared: 11/01/24 Analyzed: 11/01/24

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 42.1 | 20.0 | 50.0 |  | 84.1 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.31 |      | 8.00 |  | 91.4 | 70-130 |  |  |  |

LCS Dup (2444143-BSD2) Prepared: 11/01/24 Analyzed: 11/01/24

|                                         |      |      |      |  |      |        |       |    |  |
|-----------------------------------------|------|------|------|--|------|--------|-------|----|--|
| Gasoline Range Organics (C6-C10)        | 41.8 | 20.0 | 50.0 |  | 83.6 | 70-130 | 0.641 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.23 |      | 8.00 |  | 90.3 | 70-130 |       |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 8:24:54AM |

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 (2444140-BLK1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                 |      |      |      |  |     |        |  |  |  |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |     |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |     |        |  |  |  |
| Surrogate: n-Nonane             | 62.4 |      | 50.0 |  | 125 | 50-200 |  |  |  |

LCS (2444140-BS1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                 |      |      |      |  |     |        |  |  |  |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 256  | 25.0 | 250  |  | 102 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 57.0 |      | 50.0 |  | 114 | 50-200 |  |  |  |

LCS Dup (2444140-BSD1) Prepared: 10/31/24 Analyzed: 11/03/24

|                                 |      |      |      |  |     |        |       |    |  |
|---------------------------------|------|------|------|--|-----|--------|-------|----|--|
| Diesel Range Organics (C10-C28) | 254  | 25.0 | 250  |  | 101 | 38-132 | 0.802 | 20 |  |
| Surrogate: n-Nonane             | 54.3 |      | 50.0 |  | 109 | 50-200 |       |    |  |



QC Summary Data

|                                      |                  |                        |                                      |
|--------------------------------------|------------------|------------------------|--------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:<br><br>11/7/2024 8:24:54AM |
| PO Box 247                           | Project Number:  | 01058-0007             |                                      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              |                                      |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result<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 (2444141-BLK1)            |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/05/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 52.9 |      | 50.0 |  | 106                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2444141-BS1)               |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/05/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 245  | 25.0 | 250  |  | 98.0                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 53.2 |      | 50.0 |  | 106                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2444141-BSD1)          |      |      |      |  | Prepared: 10/31/24 Analyzed: 11/05/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 251  | 25.0 | 250  |  | 100                                   | 38-132 | 2.50 | 20 |  |
| Surrogate: n-Nonane             | 52.8 |      | 50.0 |  | 106                                   | 50-200 |      |    |  |





QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 8:24:54AM |

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 (2444148-BLK1)            |      |      |      |  | Prepared: 11/01/24 Analyzed: 11/02/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 56.1 |      | 50.0 |  | 112                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2444148-BS1)               |      |      |      |  | Prepared: 11/01/24 Analyzed: 11/02/24 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 253  | 25.0 | 250  |  | 101                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 50.3 |      | 50.0 |  | 101                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2444148-BSD1)          |      |      |      |  | Prepared: 11/01/24 Analyzed: 11/02/24 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 262  | 25.0 | 250  |  | 105                                   | 38-132 | 3.72 | 20 |  |
| Surrogate: n-Nonane             | 53.2 |      | 50.0 |  | 106                                   | 50-200 |      |    |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 8:24:54AM |

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 (2444063-BLK1)   |     |      |     |  | Prepared: 10/30/24 Analyzed: 10/30/24 |        |        |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |        |    |  |
| LCS (2444063-BS1)      |     |      |     |  | Prepared: 10/30/24 Analyzed: 10/30/24 |        |        |    |  |
| Chloride               | 257 | 20.0 | 250 |  | 103                                   | 90-110 |        |    |  |
| LCS Dup (2444063-BSD1) |     |      |     |  | Prepared: 10/30/24 Analyzed: 10/30/24 |        |        |    |  |
| Chloride               | 257 | 20.0 | 250 |  | 103                                   | 90-110 | 0.0307 | 20 |  |



QC Summary Data

|                                      |                  |                        |                     |
|--------------------------------------|------------------|------------------------|---------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Cotton Draw Unit 135 H | Reported:           |
| PO Box 247                           | Project Number:  | 01058-0007             |                     |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/7/2024 8:24:54AM |

Anions by EPA 300.0/9056A

Analyst: DT

| 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 (2445004-BLK1)   |     |      |     |  | Prepared: 11/04/24 Analyzed: 11/04/24 |        |      |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |      |    |  |
| LCS (2445004-BS1)      |     |      |     |  | Prepared: 11/04/24 Analyzed: 11/04/24 |        |      |    |  |
| Chloride               | 253 | 20.0 | 250 |  | 101                                   | 90-110 |      |    |  |
| LCS Dup (2445004-BSD1) |     |      |     |  | Prepared: 11/04/24 Analyzed: 11/04/24 |        |      |    |  |
| Chloride               | 250 | 20.0 | 250 |  | 100                                   | 90-110 | 1.17 | 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:    | Cotton Draw Unit 135 H |                |
| PO Box 247                           | Project Number:  | 01058-0007             | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Gio Gomez              | 11/07/24 08:24 |

- 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 7 of 9

| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 135 H<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> 1-255-1 |            |                                                   |                 | <b>Lab Use Only</b><br><b>Lab WO#</b> E410365 <b>Job Number</b> 0058-0007<br><b>Analysis and Method</b> |             |             |                | <b>TAT</b><br>1D 2D 3D Standard X<br>State<br>NM CO UT AZ TX<br>X |          |         |  | <b>EPA Program</b><br>CWA SDWA<br>RCRA |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------|-------------|-------------|----------------|-------------------------------------------------------------------|----------|---------|--|----------------------------------------|--|
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix | No. of Containers | Sample ID                                                                                                                                                   | Lab Number | DRO/ORO by 8015                                   | GRO/DRO by 8015 | BTEX by 8021                                                                                            | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM                                                          | BGDOC TX | Remarks |  |                                        |  |
| 2:00                                                                                                                                                                                                                                                                                                                                                                                                  | 10/28        | S      |                   | S36-1'                                                                                                                                                      | 1          |                                                   |                 |                                                                                                         |             |             |                | X                                                                 |          |         |  |                                        |  |
| 2:11                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S36-2'                                                                                                                                                      | 2          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:13                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S36-3'                                                                                                                                                      | 3          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:17                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S36-4'                                                                                                                                                      | 4          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:21                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S37-1'                                                                                                                                                      | 5          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:30                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S37-2'                                                                                                                                                      | 6          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:33                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S37-3'                                                                                                                                                      | 7          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:38                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S37-4'                                                                                                                                                      | 8          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:41                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S38-1'                                                                                                                                                      | 9          |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 2:56                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S38-2'                                                                                                                                                      | 10         |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| <b>Additional Instructions:</b> B# 21126428                                                                                                                                                                                                                                                                                                                                                           |              |        |                   |                                                                                                                                                             |            |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| 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.                                                                                                                                                     |              |        |                   |                                                                                                                                                             |            |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |
| <b>Relinquished by: (Signature)</b> Kerime Adame                                                                                                                                                                                                                                                                                                                                                      |              |        |                   |                                                                                                                                                             |            | <b>Received by: (Signature)</b> Michelle Gonzales |                 |                                                                                                         |             |             |                | <b>Lab Use Only</b><br>Received on ice: <u>DI</u> N               |          |         |  |                                        |  |
| <b>Relinquished by: (Signature)</b> Michelle Gonzales                                                                                                                                                                                                                                                                                                                                                 |              |        |                   |                                                                                                                                                             |            | <b>Received by: (Signature)</b> [Signature]       |                 |                                                                                                         |             |             |                | T1 _____ T2 _____ T3 _____                                        |          |         |  |                                        |  |
| <b>Relinquished by: (Signature)</b> [Signature]                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |                                                                                                                                                             |            | <b>Received by: (Signature)</b> Noe Sati          |                 |                                                                                                         |             |             |                | AVG Temp °C <u>4</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. |              |        |                   |                                                                                                                                                             |            |                                                   |                 |                                                                                                         |             |             |                |                                                                   |          |         |  |                                        |  |

## Project Information

## Chain of Custody

Page 8 of 9

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------|--|--|--|---------|---------------------------------|--|--|--|-------------------------------------|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit B54<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>Attention:</b> <u>Devon</u><br><b>Address:</b><br><b>City, State, Zip:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Pima Project #</b> <u>1-255-1</u> |  |  |  |  | <b>Lab Use Only</b><br><b>Lab WO#</b> <u>E 410365</u> <b>Job Number</b> <u>01058-0003</u><br><b>Analysis and Method</b>    |  |  |  |         | <b>TAT</b><br>1D 2D 3D Standard |  |  |  | <b>EPA Program</b><br>CWA SDWA RCRA |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |           |                                                                                                                                                         |  |  |  |  | <b>State</b><br>NM CO UT AZ TX                                                                                             |  |  |  |         |                                 |  |  |  |                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       |              |        |                   |           |                                                                                                                                                         |  |  |  |  | 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 |  |  |  | Remarks |                                 |  |  |  |                                     |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                                                                                                                                              |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:11                                                                                                                                                                                                                                                                                                                                                                                                  | 10/28        | S      |                   | S38-3'    | 11                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:17                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S38-4'    | 12                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:25                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S39-1'    | 13                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:30                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S39-2'    | 14                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:44                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S39-3'    | 15                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:46                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S39-4'    | 16                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:50                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S40-1'    | 17                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:54                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S40-2'    | 18                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 3:59                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S40-3'    | 19                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 4:06                                                                                                                                                                                                                                                                                                                                                                                                  |              |        |                   | S40-4'    | 20                                                                                                                                                      |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <b>Additional Instructions:</b> <u>B#21126428</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.                                                                                                                                                                                                                        |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <b>Relinquished by: (Signature)</b> <u>Kenneth Howe</u> <b>Date</b> <u>10/29/24</u> <b>Time</b> <u>2:00</u>                                                                                                                                                                                                                                                                                           |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <b>Received by: (Signature)</b> <u>Michelle Gonzales</u> <b>Date</b> <u>10-29-24</u> <b>Time</b> <u>1400</u>                                                                                                                                                                                                                                                                                          |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <b>Relinquished by: (Signature)</b> <u>Michelle Gonzales</u> <b>Date</b> <u>10-29-24</u> <b>Time</b> <u>1630</u>                                                                                                                                                                                                                                                                                      |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <b>Received by: (Signature)</b> <u>Joe Smith</u> <b>Date</b> <u>10-29-24</u> <b>Time</b> <u>1630</u>                                                                                                                                                                                                                                                                                                  |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <b>Relinquished by: (Signature)</b> <u>Joe Smith</u> <b>Date</b> <u>10-29-24</u> <b>Time</b> <u>2245</u>                                                                                                                                                                                                                                                                                              |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <b>Received by: (Signature)</b> <u>Joe Smith</u> <b>Date</b> <u>10-30-24</u> <b>Time</b> <u>0800</u>                                                                                                                                                                                                                                                                                                  |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| <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                                                                                                                                                                                                                                                                                                                         |              |        |                   |           |                                                                                                                                                         |  |  |  |  |                                                                                                                            |  |  |  |         |                                 |  |  |  |                                     |  |
| 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**

## Project Information

## Chain of Custody

Page 9 of 9

|                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |                   |           |                                                                                                                                                                           |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--|----------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------|--|--|------------------------------------------|--|--|--|-------------------------------------|--|
| <b>Client:</b> Pima Environmental Services<br><b>Project:</b> Cotton Draw Unit 135 H<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> <u>Devon</u><br><b>Address:</b><br><b>City, State, Zip:</b><br><b>Phone:</b><br><b>Email:</b><br><b>Pima Project #</b> <u>1-255-1</u> |                          |  |          |  | <b>Lab Use Only</b><br><b>Lab WO#</b> <u>E410365</u> <b>Job Number</b> <u>0058-0007</u><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 <u>5</u> |  |  |  | <b>EPA Program</b><br>CWA SDWA RCRA |  |
| <b>State</b><br>NM CO UT AZ TX <u>NM</u>                                                                                                                                                                                                                                                                                                                                                              |              |          |                   |           | <b>Remarks</b>                                                                                                                                                            |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix   | No. of Containers | Sample ID | Lab Number                                                                                                                                                                |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| 4:11                                                                                                                                                                                                                                                                                                                                                                                                  | 10/28        | S        |                   | SW1       | 21                                                                                                                                                                        |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| 4:15                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | SW2       | 22                                                                                                                                                                        |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| 4:19                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | SW3       | 23                                                                                                                                                                        |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| 4:28                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | SW4       | 24                                                                                                                                                                        |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| 4:31                                                                                                                                                                                                                                                                                                                                                                                                  |              |          |                   | SW5       | 25                                                                                                                                                                        |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| —                                                                                                                                                                                                                                                                                                                                                                                                     | —            | —        |                   | SW6       | 26                                                                                                                                                                        |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |
| <b>Additional Instructions:</b> <u>P# 21126428</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)                                                                                                                                                                                                                                                                                                                                                                          |              | Date     |                   | Time      |                                                                                                                                                                           | Received by: (Signature) |  | Date     |  | Time                                                                                                                                                                                                                                                |  | Lab Use Only<br>Received on ice: <u>Y/N</u> |  |  |                                          |  |  |  |                                     |  |
| Karinne Adams                                                                                                                                                                                                                                                                                                                                                                                         |              | 10/29/24 |                   | 2:00      |                                                                                                                                                                           | Michelle Gonzales        |  | 10/29/24 |  | 1400                                                                                                                                                                                                                                                |  |                                             |  |  |                                          |  |  |  |                                     |  |
| Michelle Gonzales                                                                                                                                                                                                                                                                                                                                                                                     |              | 10/29/24 |                   | 1630      |                                                                                                                                                                           | [Signature]              |  | 10/29/24 |  | 1630                                                                                                                                                                                                                                                |  | T1 T2 T3                                    |  |  |                                          |  |  |  |                                     |  |
| [Signature]                                                                                                                                                                                                                                                                                                                                                                                           |              | 10/29/24 |                   | 2245      |                                                                                                                                                                           | Noc [Signature]          |  | 10/30/24 |  | 0800                                                                                                                                                                                                                                                |  | AVG Temp °C <u>4</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. |              |          |                   |           |                                                                                                                                                                           |                          |  |          |  |                                                                                                                                                                                                                                                     |  |                                             |  |  |                                          |  |  |  |                                     |  |





## Envirotech Analytical Laboratory

Printed: 10/30/2024 10:08:12AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |          |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 10/30/24 08:00             | Work Order ID: | E410365  |
| Phone:  | (575) 631-6977                       | Date Logged In: | 10/29/24 17:17             | Logged In By:  | Noe Soto |
| Email:  | tom@pimaoil.com                      | Due Date:       | 11/05/24 17:00 (4 day TAT) |                |          |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

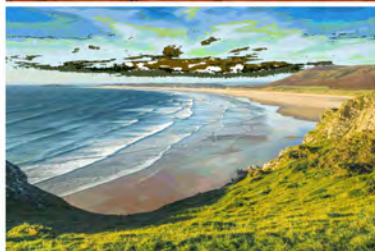
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Delrae Geller



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit #135H

Work Order: E501104

Job Number: 01058-0007

Received: 1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/17/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 1/17/25

Delrae Geller  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Cotton Draw Unit #135H  
Workorder: E501104  
Date Received: 1/17/2025 5:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 5:00:00AM, under the Project Name: Cotton Draw Unit #135H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #135H 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  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[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 - 0-1 1/2' Comp.   | 6  |
| CS2 - 0-1 1/2' Comp.   | 7  |
| CS3 - 0-1 1/2' Comp.   | 8  |
| CS4 - 0-1 1/2' Comp.   | 9  |
| CS5 - 0-1 1/2' Comp.   | 10 |
| CS6 - 0-1 1/2' Comp.   | 11 |
| CS7 - 0-1 1/2' Comp.   | 12 |
| CS8 - 0-1 1/2' Comp.   | 13 |
| CS9 - 0-1 1/2' Comp.   | 14 |
| CSW1 - 0-1 1/2' Comp.  | 15 |
| CSW2 - 0-1 1/2' Comp.  | 16 |
| CSW3 - 0-1 1/2' Comp.  | 17 |
| CSW4 - 0-1 1/2' Comp.  | 18 |
| CSW5 - 0-1 1/2' Comp.  | 19 |
| CSW6 - 0-1 1/2' Comp.  | 20 |
| CSW7 - 0-1 1/2' Comp.  | 21 |
| CSW8 - 0-1 1/2' Comp.  | 22 |
| CSW9 - 0-1 1/2' Comp.  | 23 |
| CSW10 - 0-1 1/2' Comp. | 24 |
| CSW11 - 0-1 1/2' Comp. | 25 |

## Table of Contents (continued)

|                                                     |    |
|-----------------------------------------------------|----|
| CSW12 - 0-1 1/2' Comp.                              | 26 |
| CSW13 - 0-1 1/2' Comp.                              | 27 |
| CSW14 - 0-1 1/2' Comp.                              | 28 |
| CSW15 - 0-1 1/2' Comp.                              | 29 |
| CSW16 - 0-1 1/2' Comp.                              | 30 |
| QC Summary Data                                     | 31 |
| QC - Volatile Organics by EPA 8021B                 | 31 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 33 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 35 |
| QC - Anions by EPA 300.0/9056A                      | 37 |
| Definitions and Notes                               | 39 |
| Chain of Custody etc.                               | 40 |

## Sample Summary

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
01/17/25 15:37

| Client Sample ID       | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------------|---------------|--------|----------|----------|------------------|
| CS1 - 0-1 1/2' Comp.   | E501104-01A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS2 - 0-1 1/2' Comp.   | E501104-02A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS3 - 0-1 1/2' Comp.   | E501104-03A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS4 - 0-1 1/2' Comp.   | E501104-04A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS5 - 0-1 1/2' Comp.   | E501104-05A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS6 - 0-1 1/2' Comp.   | E501104-06A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS7 - 0-1 1/2' Comp.   | E501104-07A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS8 - 0-1 1/2' Comp.   | E501104-08A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CS9 - 0-1 1/2' Comp.   | E501104-09A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW1 - 0-1 1/2' Comp.  | E501104-10A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW2 - 0-1 1/2' Comp.  | E501104-11A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW3 - 0-1 1/2' Comp.  | E501104-12A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW4 - 0-1 1/2' Comp.  | E501104-13A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW5 - 0-1 1/2' Comp.  | E501104-14A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW6 - 0-1 1/2' Comp.  | E501104-15A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW7 - 0-1 1/2' Comp.  | E501104-16A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW8 - 0-1 1/2' Comp.  | E501104-17A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW9 - 0-1 1/2' Comp.  | E501104-18A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW10 - 0-1 1/2' Comp. | E501104-19A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW11 - 0-1 1/2' Comp. | E501104-20A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW12 - 0-1 1/2' Comp. | E501104-21A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW13 - 0-1 1/2' Comp. | E501104-22A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW14 - 0-1 1/2' Comp. | E501104-23A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW15 - 0-1 1/2' Comp. | E501104-24A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| CSW16 - 0-1 1/2' Comp. | E501104-25A   | Soil   | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |



## Sample Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H |                     |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             | <b>Reported:</b>    |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

### CS1 - 0-1 1/2' Comp.

#### E501104-01

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 86.5 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 97.7 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 104 %  | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 88.0   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS2 - 0-1 1/2' Comp.

## E501104-02

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503094 |
| Benzene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 01/17/25    | 01/17/25 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 4-Bromochlorobenzene-PID                   | 84.9 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503094 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 97.9 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2503092 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 01/16/25    | 01/17/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 01/16/25    | 01/17/25 |                |
| Surrogate: n-Nonane                                   | 97.3 % | 50-200          |          | 01/16/25    | 01/17/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AK |          | Batch: 2503089 |
| Chloride                                              | 93.7   | 20.0            | 1        | 01/17/25    | 01/17/25 |                |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS3 - 0-1 1/2' Comp.

## E501104-03

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 92.8 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 98.6 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 98.6 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 96.1   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS4 - 0-1 1/2' Comp.

## E501104-04

| Analyte                                               | Result        | Reporting Limit | Dilution    | Prepared        | Analyzed        | Notes |
|-------------------------------------------------------|---------------|-----------------|-------------|-----------------|-----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503094  |       |
| Benzene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Ethylbenzene                                          | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Toluene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| o-Xylene                                              | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| p,m-Xylene                                            | ND            | 0.0500          | 1           | 01/17/25        | 01/17/25        |       |
| Total Xylenes                                         | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | <i>91.2 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503094  |       |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | <i>97.3 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg         | mg/kg           | Analyst: NV |                 | Batch: 2503092  |       |
| Diesel Range Organics (C10-C28)                       | ND            | 25.0            | 1           | 01/16/25        | 01/17/25        |       |
| Oil Range Organics (C28-C36)                          | ND            | 50.0            | 1           | 01/16/25        | 01/17/25        |       |
| <i>Surrogate: n-Nonane</i>                            | <i>98.9 %</i> | <i>50-200</i>   |             | <i>01/16/25</i> | <i>01/17/25</i> |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg         | mg/kg           | Analyst: AK |                 | Batch: 2503089  |       |
| Chloride                                              | 89.4          | 20.0            | 1           | 01/17/25        | 01/17/25        |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS5 - 0-1 1/2' Comp.

## E501104-05

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 88.5 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 96.6 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 97.5 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 86.9   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS6 - 0-1 1/2' Comp.

## E501104-06

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 82.4 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 94.6 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 96.9 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 102    | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS7 - 0-1 1/2' Comp.

## E501104-07

| Analyte                                               | Result        | Reporting Limit | Dilution    | Prepared        | Analyzed        | Notes |
|-------------------------------------------------------|---------------|-----------------|-------------|-----------------|-----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503094  |       |
| Benzene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Ethylbenzene                                          | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Toluene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| o-Xylene                                              | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| p,m-Xylene                                            | ND            | 0.0500          | 1           | 01/17/25        | 01/17/25        |       |
| Total Xylenes                                         | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | <i>94.5 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503094  |       |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | <i>93.9 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg         | mg/kg           | Analyst: NV |                 | Batch: 2503092  |       |
| Diesel Range Organics (C10-C28)                       | ND            | 25.0            | 1           | 01/16/25        | 01/17/25        |       |
| Oil Range Organics (C28-C36)                          | ND            | 50.0            | 1           | 01/16/25        | 01/17/25        |       |
| <i>Surrogate: n-Nonane</i>                            | <i>102 %</i>  | <i>50-200</i>   |             | <i>01/16/25</i> | <i>01/17/25</i> |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg         | mg/kg           | Analyst: AK |                 | Batch: 2503089  |       |
| Chloride                                              | 94.3          | 20.0            | 1           | 01/17/25        | 01/17/25        |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS8 - 0-1 1/2' Comp.

## E501104-08

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 90.6 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 91.8 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 99.6 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 90.8   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CS9 - 0-1 1/2' Comp.

## E501104-09

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 90.0 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 97.7 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 98.0 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 74.0   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW1 - 0-1 1/2' Comp.

## E501104-10

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 90.4 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 96.8 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 97.3 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 86.4   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW2 - 0-1 1/2' Comp.

## E501104-11

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503094 |
| Benzene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 01/17/25    | 01/17/25 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.7 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503094 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 96.1 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2503092 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 01/16/25    | 01/17/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 01/16/25    | 01/17/25 |                |
| Surrogate: n-Nonane                                   | 99.0 % | 50-200          |          | 01/16/25    | 01/17/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AK |          | Batch: 2503089 |
| Chloride                                              | 99.7   | 20.0            | 1        | 01/17/25    | 01/17/25 |                |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW3 - 0-1 1/2' Comp.

## E501104-12

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 89.3 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 96.0 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 102 %  | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 108    | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW4 - 0-1 1/2' Comp.

## E501104-13

| Analyte                                               | Result        | Reporting Limit | Dilution    | Prepared        | Analyzed        | Notes |
|-------------------------------------------------------|---------------|-----------------|-------------|-----------------|-----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503094  |       |
| Benzene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Ethylbenzene                                          | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Toluene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| o-Xylene                                              | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| p,m-Xylene                                            | ND            | 0.0500          | 1           | 01/17/25        | 01/17/25        |       |
| Total Xylenes                                         | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | <i>93.1 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503094  |       |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | <i>90.6 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg         | mg/kg           | Analyst: NV |                 | Batch: 2503092  |       |
| Diesel Range Organics (C10-C28)                       | ND            | 25.0            | 1           | 01/16/25        | 01/17/25        |       |
| Oil Range Organics (C28-C36)                          | ND            | 50.0            | 1           | 01/16/25        | 01/17/25        |       |
| <i>Surrogate: n-Nonane</i>                            | <i>94.1 %</i> | <i>50-200</i>   |             | <i>01/16/25</i> | <i>01/17/25</i> |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg         | mg/kg           | Analyst: AK |                 | Batch: 2503089  |       |
| Chloride                                              | 95.2          | 20.0            | 1           | 01/17/25        | 01/17/25        |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW5 - 0-1 1/2' Comp.

## E501104-14

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 95.2 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 91.4 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 89.3 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 93.3   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW6 - 0-1 1/2' Comp.

## E501104-15

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 95.6 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 89.7 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 99.5 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 93.1   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW7 - 0-1 1/2' Comp.

## E501104-16

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 95.8 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 90.3 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 103 %  | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 87.7   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW8 - 0-1 1/2' Comp.

## E501104-17

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 90.4 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 95.0 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 98.9 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 91.5   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW9 - 0-1 1/2' Comp.

## E501104-18

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503094 |
| Benzene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 01/17/25    | 01/17/25 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.8 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503094 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 95.9 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2503092 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 01/16/25    | 01/17/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 01/16/25    | 01/17/25 |                |
| Surrogate: n-Nonane                                   | 99.8 % | 50-200          |          | 01/16/25    | 01/17/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: AK |          | Batch: 2503089 |
| Chloride                                              | 89.2   | 20.0            | 1        | 01/17/25    | 01/17/25 |                |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW10 - 0-1 1/2' Comp.

## E501104-19

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 95.0 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 95.4 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 102 %  | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 91.4   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW11 - 0-1 1/2' Comp.

## E501104-20

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|                                                       | 92.7 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503094 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|                                                       | 96.0 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503092 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|                                                       | 106 %  | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|                                                       | mg/kg  | mg/kg           | Analyst: AK |          | Batch: 2503089 |       |
| Chloride                                              | 88.6   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW12 - 0-1 1/2' Comp.

## E501104-21

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503093 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 95.1 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503093 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 91.3 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 95.5 % | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2503090 |       |
| Chloride                                              | 77.2   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW13 - 0-1 1/2' Comp.

## E501104-22

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        | mg/kg           | mg/kg    | Analyst: SL |          | Batch: 2503093 |
| Benzene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 01/17/25    | 01/17/25 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 96.0 %          | 70-130   | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        | mg/kg           | mg/kg    | Analyst: SL |          | Batch: 2503093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 01/17/25    | 01/17/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 90.9 %          | 70-130   | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        | mg/kg           | mg/kg    | Analyst: NV |          | Batch: 2503091 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 01/16/25    | 01/17/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 01/16/25    | 01/17/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        | 99.7 %          | 50-200   | 01/16/25    | 01/17/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        | mg/kg           | mg/kg    | Analyst: JM |          | Batch: 2503090 |
| Chloride                                              | 98.3   | 20.0            | 1        | 01/17/25    | 01/17/25 |                |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW14 - 0-1 1/2' Comp.

## E501104-23

| Analyte                                               | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|-------------------------------------------------------|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503093 |
| Benzene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Ethylbenzene                                          | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Toluene                                               | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| o-Xylene                                              | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| p,m-Xylene                                            | ND     | 0.0500          | 1        | 01/17/25    | 01/17/25 |                |
| Total Xylenes                                         | ND     | 0.0250          | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.3 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2503093 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 01/17/25    | 01/17/25 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.4 % | 70-130          |          | 01/17/25    | 01/17/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: NV |          | Batch: 2503091 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 01/16/25    | 01/17/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 01/16/25    | 01/17/25 |                |
| Surrogate: n-Nonane                                   | 106 %  | 50-200          |          | 01/16/25    | 01/17/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|                                                       | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2503090 |
| Chloride                                              | 97.9   | 20.0            | 1        | 01/17/25    | 01/17/25 |                |





## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW15 - 0-1 1/2' Comp.

## E501104-24

| Analyte                                               | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|-------------------------------------------------------|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503093 |       |
| Benzene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Ethylbenzene                                          | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| Toluene                                               | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| o-Xylene                                              | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| p,m-Xylene                                            | ND     | 0.0500          | 1           | 01/17/25 | 01/17/25       |       |
| Total Xylenes                                         | ND     | 0.0250          | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 98.1 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2503093 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 01/17/25 | 01/17/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 90.3 % | 70-130          |             | 01/17/25 | 01/17/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: NV |          | Batch: 2503091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 01/16/25 | 01/17/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 01/16/25 | 01/17/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 108 %  | 50-200          |             | 01/16/25 | 01/17/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2503090 |       |
| Chloride                                              | 99.7   | 20.0            | 1           | 01/17/25 | 01/17/25       |       |



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Cotton Draw Unit #135H  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
1/17/2025 3:37:55PM

## CSW16 - 0-1 1/2' Comp.

## E501104-25

| Analyte                                               | Result        | Reporting Limit | Dilution    | Prepared        | Analyzed        | Notes |
|-------------------------------------------------------|---------------|-----------------|-------------|-----------------|-----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503093  |       |
| Benzene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Ethylbenzene                                          | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| Toluene                                               | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| o-Xylene                                              | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| p,m-Xylene                                            | ND            | 0.0500          | 1           | 01/17/25        | 01/17/25        |       |
| Total Xylenes                                         | ND            | 0.0250          | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | <i>94.4 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg         | mg/kg           | Analyst: SL |                 | Batch: 2503093  |       |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1           | 01/17/25        | 01/17/25        |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | <i>90.1 %</i> | <i>70-130</i>   |             | <i>01/17/25</i> | <i>01/17/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg         | mg/kg           | Analyst: NV |                 | Batch: 2503091  |       |
| Diesel Range Organics (C10-C28)                       | ND            | 25.0            | 1           | 01/16/25        | 01/17/25        |       |
| Oil Range Organics (C28-C36)                          | ND            | 50.0            | 1           | 01/16/25        | 01/17/25        |       |
| <i>Surrogate: n-Nonane</i>                            | <i>105 %</i>  | <i>50-200</i>   |             | <i>01/16/25</i> | <i>01/17/25</i> |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg         | mg/kg           | Analyst: JM |                 | Batch: 2503090  |       |
| Chloride                                              | ND            | 20.0            | 1           | 01/17/25        | 01/17/25        |       |



## QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

## Volatile Organics by EPA 8021B

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 (2503093-BLK1)

Prepared: 01/16/25 Analyzed: 01/16/25

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | ND   | 0.0250 |      |  |      |        |  |  |  |
| Ethylbenzene                        | ND   | 0.0250 |      |  |      |        |  |  |  |
| Toluene                             | ND   | 0.0250 |      |  |      |        |  |  |  |
| o-Xylene                            | ND   | 0.0250 |      |  |      |        |  |  |  |
| p,m-Xylene                          | ND   | 0.0500 |      |  |      |        |  |  |  |
| Total Xylenes                       | ND   | 0.0250 |      |  |      |        |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.07 |        | 8.00 |  | 88.4 | 70-130 |  |  |  |

## LCS (2503093-BS1)

Prepared: 01/16/25 Analyzed: 01/17/25

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.85 | 0.0250 | 5.00 |  | 96.9 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.78 | 0.0250 | 5.00 |  | 95.6 | 70-130 |  |  |  |
| Toluene                             | 4.85 | 0.0250 | 5.00 |  | 97.1 | 70-130 |  |  |  |
| o-Xylene                            | 4.79 | 0.0250 | 5.00 |  | 95.9 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.72 | 0.0500 | 10.0 |  | 97.2 | 70-130 |  |  |  |
| Total Xylenes                       | 14.5 | 0.0250 | 15.0 |  | 96.8 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.01 |        | 8.00 |  | 87.6 | 70-130 |  |  |  |

## LCS Dup (2503093-BSD1)

Prepared: 01/16/25 Analyzed: 01/17/25

|                                     |      |        |      |  |      |        |      |    |  |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene                             | 4.94 | 0.0250 | 5.00 |  | 98.8 | 70-130 | 1.91 | 20 |  |
| Ethylbenzene                        | 4.89 | 0.0250 | 5.00 |  | 97.7 | 70-130 | 2.22 | 20 |  |
| Toluene                             | 4.95 | 0.0250 | 5.00 |  | 99.0 | 70-130 | 1.99 | 20 |  |
| o-Xylene                            | 4.86 | 0.0250 | 5.00 |  | 97.2 | 70-130 | 1.38 | 20 |  |
| p,m-Xylene                          | 9.95 | 0.0500 | 10.0 |  | 99.5 | 70-130 | 2.30 | 20 |  |
| Total Xylenes                       | 14.8 | 0.0250 | 15.0 |  | 98.7 | 70-130 | 2.00 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 6.92 |        | 8.00 |  | 86.4 | 70-130 |      |    |  |



QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

Volatile Organics by EPA 8021B

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 (2503094-BLK1)

Prepared: 01/16/25 Analyzed: 01/16/25

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | ND   | 0.0250 |      |  |      |        |  |  |  |
| Ethylbenzene                        | ND   | 0.0250 |      |  |      |        |  |  |  |
| Toluene                             | ND   | 0.0250 |      |  |      |        |  |  |  |
| o-Xylene                            | ND   | 0.0250 |      |  |      |        |  |  |  |
| p,m-Xylene                          | ND   | 0.0500 |      |  |      |        |  |  |  |
| Total Xylenes                       | ND   | 0.0250 |      |  |      |        |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 6.90 |        | 8.00 |  | 86.2 | 70-130 |  |  |  |

LCS (2503094-BS1)

Prepared: 01/16/25 Analyzed: 01/16/25

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.63 | 0.0250 | 5.00 |  | 92.6 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.56 | 0.0250 | 5.00 |  | 91.2 | 70-130 |  |  |  |
| Toluene                             | 4.63 | 0.0250 | 5.00 |  | 92.6 | 70-130 |  |  |  |
| o-Xylene                            | 4.56 | 0.0250 | 5.00 |  | 91.2 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.28 | 0.0500 | 10.0 |  | 92.8 | 70-130 |  |  |  |
| Total Xylenes                       | 13.8 | 0.0250 | 15.0 |  | 92.3 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 |        | 8.00 |  | 85.6 | 70-130 |  |  |  |

LCS Dup (2503094-BSD1)

Prepared: 01/16/25 Analyzed: 01/16/25

|                                     |      |        |      |  |      |        |       |    |  |
|-------------------------------------|------|--------|------|--|------|--------|-------|----|--|
| Benzene                             | 4.60 | 0.0250 | 5.00 |  | 92.0 | 70-130 | 0.667 | 20 |  |
| Ethylbenzene                        | 4.55 | 0.0250 | 5.00 |  | 90.9 | 70-130 | 0.278 | 20 |  |
| Toluene                             | 4.60 | 0.0250 | 5.00 |  | 92.0 | 70-130 | 0.616 | 20 |  |
| o-Xylene                            | 4.54 | 0.0250 | 5.00 |  | 90.8 | 70-130 | 0.402 | 20 |  |
| p,m-Xylene                          | 9.26 | 0.0500 | 10.0 |  | 92.6 | 70-130 | 0.241 | 20 |  |
| Total Xylenes                       | 13.8 | 0.0250 | 15.0 |  | 92.0 | 70-130 | 0.294 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 |        | 8.00 |  | 85.5 | 70-130 |       |    |  |



QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

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 (2503093-BLK1) Prepared: 01/16/25 Analyzed: 01/16/25

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.44 |      | 8.00 |  | 93.0 | 70-130 |  |  |  |

LCS (2503093-BS2) Prepared: 01/16/25 Analyzed: 01/17/25

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 43.2 | 20.0 | 50.0 |  | 86.4 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 |      | 8.00 |  | 94.9 | 70-130 |  |  |  |

LCS Dup (2503093-BSD2) Prepared: 01/16/25 Analyzed: 01/17/25

|                                         |      |      |      |  |      |        |      |    |  |
|-----------------------------------------|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 46.2 | 20.0 | 50.0 |  | 92.4 | 70-130 | 6.75 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.46 |      | 8.00 |  | 93.2 | 70-130 |      |    |  |



## QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

## 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 (2503094-BLK1)

Prepared: 01/16/25 Analyzed: 01/16/25

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.61 |      | 8.00 |  | 95.2 | 70-130 |  |  |  |

## LCS (2503094-BS2)

Prepared: 01/16/25 Analyzed: 01/16/25

|                                         |      |      |      |  |      |        |  |  |  |
|-----------------------------------------|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 40.1 | 20.0 | 50.0 |  | 80.3 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.73 |      | 8.00 |  | 96.6 | 70-130 |  |  |  |

## LCS Dup (2503094-BSD2)

Prepared: 01/16/25 Analyzed: 01/16/25

|                                         |      |      |      |  |      |        |      |    |  |
|-----------------------------------------|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 43.6 | 20.0 | 50.0 |  | 87.3 | 70-130 | 8.37 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.85 |      | 8.00 |  | 98.1 | 70-130 |      |    |  |



QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

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 (2503091-BLK1)            |      |      |      |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 53.0 |      | 50.0 |  | 106                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2503091-BS1)               |      |      |      |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 251  | 25.0 | 250  |  | 100                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 53.8 |      | 50.0 |  | 108                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2503091-BSD1)          |      |      |      |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 256  | 25.0 | 250  |  | 102                                   | 38-132 | 2.03 | 20 |  |
| Surrogate: n-Nonane             | 55.5 |      | 50.0 |  | 111                                   | 50-200 |      |    |  |



QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

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 (2503092-BLK1)            |      |      |      |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 52.6 |      | 50.0 |  | 105                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2503092-BS1)               |      |      |      |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 259  | 25.0 | 250  |  | 104                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 55.6 |      | 50.0 |  | 111                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2503092-BSD1)          |      |      |      |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 254  | 25.0 | 250  |  | 102                                   | 38-132 | 2.00 | 20 |  |
| Surrogate: n-Nonane             | 54.6 |      | 50.0 |  | 109                                   | 50-200 |      |    |  |



QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

Anions by EPA 300.0/9056A

Analyst: AK

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

|                        |     |      |     |  |                                       |        |       |    |  |
|------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| Blank (2503089-BLK1)   |     |      |     |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2503089-BS1)      |     |      |     |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |       |    |  |
| Chloride               | 255 | 20.0 | 250 |  | 102                                   | 90-110 |       |    |  |
| LCS Dup (2503089-BSD1) |     |      |     |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |       |    |  |
| Chloride               | 254 | 20.0 | 250 |  | 102                                   | 90-110 | 0.406 | 20 |  |



QC Summary Data

|                         |                  |                        |                     |
|-------------------------|------------------|------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H | Reported:           |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             |                     |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 1/17/2025 3:37:55PM |

Anions by EPA 300.0/9056A

Analyst: JM

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

|                        |     |      |     |  |                                       |        |       |    |  |
|------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| Blank (2503090-BLK1)   |     |      |     |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |       |    |  |
| Chloride               | ND  | 20.0 |     |  |                                       |        |       |    |  |
| LCS (2503090-BS1)      |     |      |     |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |       |    |  |
| Chloride               | 251 | 20.0 | 250 |  | 101                                   | 90-110 |       |    |  |
| LCS Dup (2503090-BSD1) |     |      |     |  | Prepared: 01/16/25 Analyzed: 01/16/25 |        |       |    |  |
| Chloride               | 253 | 20.0 | 250 |  | 101                                   | 90-110 | 0.659 | 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

|                         |                  |                        |                |
|-------------------------|------------------|------------------------|----------------|
| Devon Energy - Carlsbad | Project Name:    | Cotton Draw Unit #135H |                |
| 6488 7 Rivers Hwy       | Project Number:  | 01058-0007             | Reported:      |
| Artesia NM, 88210       | Project Manager: | Delrae Geller          | 01/17/25 15:37 |

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



## Chain of Custody

Page 1 of 3

| Client Information                                                                                                                                                                                                                                                                                                                                                                                    |              |         |                   | Invoice Information                   |              | Lab Use Only            |                 | TAT                                                                                                                                                                                                                                                                                   |              |                                     |                | State      |                |                                     |                  |      |     |      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-------------------|---------------------------------------|--------------|-------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------|----------------|------------|----------------|-------------------------------------|------------------|------|-----|------|--|
| Client: <u>Dexon Energy</u>                                                                                                                                                                                                                                                                                                                                                                           |              |         |                   | Company: <u>Dexon</u>                 |              | Lab WO# <u>E 501104</u> |                 | Job Number <u>01058-0007</u>                                                                                                                                                                                                                                                          |              | 1D                                  | 2D             | 3D         | Std            | NM                                  | CO               | UT   | TX  |      |  |
| Project Name: <u>Cotton Draw Unit #B5 H</u>                                                                                                                                                                                                                                                                                                                                                           |              |         |                   | Address:                              |              |                         |                 |                                                                                                                                                                                                                                                                                       |              | <input checked="" type="checkbox"/> |                |            |                | <input checked="" type="checkbox"/> |                  |      |     |      |  |
| Project Manager: <u>Delrae Geller</u>                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | City, State, Zip:                     |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Address: <u>5614 North Lexington Hwy.</u>                                                                                                                                                                                                                                                                                                                                                             |              |         |                   | Phone:                                |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| City, State, Zip: <u>Hobbs, New Mexico 88240</u>                                                                                                                                                                                                                                                                                                                                                      |              |         |                   | Email:                                |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Phone: <u>(806) 724 5391</u>                                                                                                                                                                                                                                                                                                                                                                          |              |         |                   | Miscellaneous: <u>1-255-1 1-255-2</u> |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Email: <u>Delrae@PimaOil.com</u>                                                                                                                                                                                                                                                                                                                                                                      |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Sample Information                                                                                                                                                                                                                                                                                                                                                                                    |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              | Analysis and Method                 |                |            |                | EPA Program                         |                  |      |     |      |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix  | No. of Containers | Sample ID                             | Field Filter | Lab Number              | DRO/DRO by 8015 | GRO/DRO by 8015                                                                                                                                                                                                                                                                       | BTEX by 8021 | VOC by 8260                         | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals                       | Cation/Anion Pkg | SDWA | CWA | RCRA |  |
| 11:19                                                                                                                                                                                                                                                                                                                                                                                                 | 1/15/25      | S       |                   | CS1 - 0-1 1/2' comp.                  |              | 1                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                | X          |                |                                     |                  |      |     |      |  |
| 11:26                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS2 - 0-1 1/2' comp.                  |              | 2                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:29                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS3 - 0-1 1/2' comp.                  |              | 3                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:35                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS4 - 0-1 1/2' comp.                  |              | 4                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:39                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS5 - 0-1 1/2' comp.                  |              | 5                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:41                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS6 - 0-1 1/2' comp.                  |              | 6                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:48                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS7 - 0-1 1/2' comp.                  |              | 7                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:50                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS8 - 0-1 1/2' comp.                  |              | 8                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:54                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CS9 - 0-1 1/2' comp.                  |              | 9                       |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| 11:59                                                                                                                                                                                                                                                                                                                                                                                                 |              |         |                   | CSW1 - 0-1 1/2' comp.                 |              | 10                      |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Additional Instructions: <u>Billing # 21126428</u>                                                                                                                                                                                                                                                                                                                                                    |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.                                                                                                                                                      |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Sampled by:                                                                                                                                                                                                                                                                                                                                                                                           |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date    | Time              | Received by: (Signature)              |              | Date                    | Time            | 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 day.<br>Lab Use Only<br>Received on ice: <u>Y</u> / N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| <u>Andrew Franco</u>                                                                                                                                                                                                                                                                                                                                                                                  |              | 1/15/25 | 5:20 PM           | <u>Karne Abame</u>                    |              | 1/16/25                 |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| <u>Karne Abame</u>                                                                                                                                                                                                                                                                                                                                                                                    |              | 1/16/25 | 1:07 PM           | <u>Michelle Gonzales</u>              |              | 1-16-25                 | 1307            |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| <u>Michelle Gonzales</u>                                                                                                                                                                                                                                                                                                                                                                              |              | 1-16-25 | 1520              | <u>John J.</u>                        |              | 1-16-25                 | 1630            |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date    | Time              | Received by: (Signature)              |              | Date                    | Time            |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| <u>John J.</u>                                                                                                                                                                                                                                                                                                                                                                                        |              | 1-16-25 | 2230              | <u>Kellyn D Heller</u>                |              | 1-17-25                 | 0500            |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other                                                                                                                                                                                                                                                                                                                              |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Container type: g - glass, p - poly/plastic, ag - amber glass, v - VOA                                                                                                                                                                                                                                                                                                                                |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |
| Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |         |                   |                                       |              |                         |                 |                                                                                                                                                                                                                                                                                       |              |                                     |                |            |                |                                     |                  |      |     |      |  |



envirotech



## Chain of Custody

Page 2 of 3

| Client Information                                                                                                                                                                                                                                                                                                                                                                                    |                 |              |                   | Invoice Information                                                                                                 |             | Lab Use Only                                        |               | TAT                                                                                                                                                                                                                                                                                    |            | State                                                                                                                      |      |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|-------------------|---------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------|------|---|
| Client: <u>Devon Energy</u><br>Project Name: <u>Cotton Draw Unit #135H</u><br>Project Manager: <u>Delroe Geller</u><br>Address: <u>5614 North Livingston Hwy.</u><br>City, State, Zip: <u>Hobbs, New Mexico, 88240</u><br>Phone: <u>(806) 724-5391</u><br>Email: <u>Delroe.G@pimadil.com</u>                                                                                                          |                 |              |                   | Company: <u>Devon</u><br>Address:<br>City, State, Zip:<br>Phone:<br>Email:<br>Miscellaneous: <u>1-255-1 1-255-2</u> |             | Lab WO# <u>E 501104</u> Job Number <u>0658-0007</u> |               | 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Std <input type="checkbox"/>                                                                                                                                                            |            | NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> TX <input type="checkbox"/> |      |   |
| Analysis and Method                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |                   |                                                                                                                     |             |                                                     |               | EPA Program                                                                                                                                                                                                                                                                            |            |                                                                                                                            |      |   |
| DRQ/ORO by 8015                                                                                                                                                                                                                                                                                                                                                                                       | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260       | Chloride 300.0                                                                                                      | BELOC - NIM | TCEQ 1005 - TX                                      | RCRA 9 Metals | Cation/Anion Pkg                                                                                                                                                                                                                                                                       | SDWA       | CWA                                                                                                                        | RCRA |   |
|                                                                                                                                                                                                                                                                                                                                                                                                       |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        | Compliance | Y                                                                                                                          | or   | N |
|                                                                                                                                                                                                                                                                                                                                                                                                       |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        | PWSID #    |                                                                                                                            |      |   |
| Sample Information                                                                                                                                                                                                                                                                                                                                                                                    |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            | Remarks                                                                                                                    |      |   |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled    | Matrix       | No. of Containers | Sample ID                                                                                                           | Field       | Filter                                              | Lab Number    |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:06                                                                                                                                                                                                                                                                                                                                                                                                 | 1/15/25         | S            |                   | CSW2 - 0-1 1/2' comp.                                                                                               |             |                                                     | 11            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:12                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW3 - 0-1 1/2' comp.                                                                                               |             |                                                     | 12            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:23                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW4 - 0-1 1/2' comp.                                                                                               |             |                                                     | 13            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:29                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW5 - 0-1 1/2' comp.                                                                                               |             |                                                     | 14            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:33                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW6 - 0-1 1/2' comp.                                                                                               |             |                                                     | 15            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:38                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW7 - 0-1 1/2' comp.                                                                                               |             |                                                     | 16            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:40                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW8 - 0-1 1/2' comp.                                                                                               |             |                                                     | 17            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:43                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW9 - 0-1 1/2' comp.                                                                                               |             |                                                     | 18            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:47                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW10 - 0-1 1/2' comp.                                                                                              |             |                                                     | 19            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| 12:50                                                                                                                                                                                                                                                                                                                                                                                                 |                 |              |                   | CSW11 - 0-1 1/2' comp.                                                                                              |             |                                                     | 20            |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Additional Instructions: <u>Billing # 21126428</u>                                                                                                                                                                                                                                                                                                                                                    |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.                                                                                                                                                      |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Sampled by:                                                                                                                                                                                                                                                                                                                                                                                           |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |                 | Date         | Time              | Received by: (Signature)                                                                                            |             | Date                                                | Time          | 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.<br>Lab Use Only<br>Received on ice: <u>Y</u> / N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |            |                                                                                                                            |      |   |
| Andrew Franco                                                                                                                                                                                                                                                                                                                                                                                         |                 | 1/15/25      | 5:20 PM           | Karime Affame                                                                                                       |             | 1/16/25                                             |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |                 | Date         | Time              | Received by: (Signature)                                                                                            |             | Date                                                | Time          |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Karime Affame                                                                                                                                                                                                                                                                                                                                                                                         |                 | 1/16/25      | 1:07 PM           | Michelle Gonzales                                                                                                   |             | 1-16-25                                             | 1307          |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |                 | Date         | Time              | Received by: (Signature)                                                                                            |             | Date                                                | Time          |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Michelle Gonzales                                                                                                                                                                                                                                                                                                                                                                                     |                 | 1-16-25      | 1520              | [Signature]                                                                                                         |             | 1-16-25                                             | 1630          |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |                 | Date         | Time              | Received by: (Signature)                                                                                            |             | Date                                                | Time          |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| [Signature]                                                                                                                                                                                                                                                                                                                                                                                           |                 | 1-16-25      | 2230              | [Signature]                                                                                                         |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other                                                                                                                                                                                                                                                                                                                              |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA                                                                                                                                                                                                                                                                                                                                |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |
| Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |                 |              |                   |                                                                                                                     |             |                                                     |               |                                                                                                                                                                                                                                                                                        |            |                                                                                                                            |      |   |



envirotech



## Chain of Custody

Page 3 of 3

| Client Information                                                                                                                                                                                                                                                                                                                                                                                    |              |         |                   | Invoice Information      |              | Lab Use Only           |                 | TAT                                                                                                                                                                                                                                                                                                                                       |              |             |                | State                                                                                                                       |                |               |                  |      |     |      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-------------------|--------------------------|--------------|------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------------|----------------|---------------|------------------|------|-----|------|--|
| Client: <u>Devon Energy</u>                                                                                                                                                                                                                                                                                                                                                                           |              |         |                   | Company: <u>Devon</u>    |              | Lab WO# <u>E501104</u> |                 | Job Number <u>01058-0007</u>                                                                                                                                                                                                                                                                                                              |              |             |                | <input checked="" type="checkbox"/> 1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Std |                |               |                  |      |     |      |  |
| Project Name: <u>Cotton Draw Unit #135H</u>                                                                                                                                                                                                                                                                                                                                                           |              |         |                   | Address:                 |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                | <input checked="" type="checkbox"/> NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> TX  |                |               |                  |      |     |      |  |
| Project Manager: <u>Delrae Greller</u>                                                                                                                                                                                                                                                                                                                                                                |              |         |                   | City, State, Zip:        |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Address: <u>5614 North Lorington Hwy.</u>                                                                                                                                                                                                                                                                                                                                                             |              |         |                   | Phone:                   |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| City, State, Zip: <u>Hobbs, New Mexico, 88240</u>                                                                                                                                                                                                                                                                                                                                                     |              |         |                   | Email:                   |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Phone: <u>(806) 724-5391</u>                                                                                                                                                                                                                                                                                                                                                                          |              |         |                   | Miscellaneous:           |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Email: <u>Delrae@pima.oil.com</u>                                                                                                                                                                                                                                                                                                                                                                     |              |         |                   | <u>1-255-1 1-255-2</u>   |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Sample Information                                                                                                                                                                                                                                                                                                                                                                                    |              |         |                   |                          |              | Analysis and Method    |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                | EPA Program   |                  |      |     |      |  |
| Time Sampled                                                                                                                                                                                                                                                                                                                                                                                          | Date Sampled | Matrix  | No. of Containers | Sample ID                | Field Filter | Lab Number             | DRO/ORO by 8015 | GRO/DRO by 8015                                                                                                                                                                                                                                                                                                                           | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM                                                                                                                  | TCEQ 1005 - TX | RCRA 8 Metals | Cation/Anion Pkg | SDWA | CWA | RCRA |  |
| 12:57                                                                                                                                                                                                                                                                                                                                                                                                 | 1/15/25      | S       |                   | CSW12-0-1 1/2' comp.     |              | 21                     |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| 1:00                                                                                                                                                                                                                                                                                                                                                                                                  |              |         |                   | CSW13-0-1 1/2' comp.     |              | 22                     |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| 1:11                                                                                                                                                                                                                                                                                                                                                                                                  |              |         |                   | CSW14-0-1 1/2' comp.     |              | 23                     |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| 1:13                                                                                                                                                                                                                                                                                                                                                                                                  |              |         |                   | CSW15-0-1 1/2' comp.     |              | 24                     |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| 1:20                                                                                                                                                                                                                                                                                                                                                                                                  |              |         |                   | CSW16-0-1 1/2' comp.     |              | 25                     |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Additional Instructions: <u>Billing # 21/26428</u>                                                                                                                                                                                                                                                                                                                                                    |              |         |                   |                          |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.                                                                                                                                                      |              |         |                   |                          |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Sampled by:                                                                                                                                                                                                                                                                                                                                                                                           |              |         |                   |                          |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date    | Time              | Received by: (Signature) |              | Date                   | Time            | 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 day.<br>Lab Use Only<br>Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date    | Time              | Received by: (Signature) |              | Date                   | Time            |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date    | Time              | Received by: (Signature) |              | Date                   | Time            |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)                                                                                                                                                                                                                                                                                                                                                                          |              | Date    | Time              | Received by: (Signature) |              | Date                   | Time            |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Andrew Franco                                                                                                                                                                                                                                                                                                                                                                                         |              | 1/15/25 | 5:20 PM           | Karinne Flame            |              | 1/16/25                |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Karinne Flame                                                                                                                                                                                                                                                                                                                                                                                         |              | 1/16/25 | 1:07 PM           | Michelle Gonzales        |              | 1-16-25                | 1307            |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Michelle Gonzales                                                                                                                                                                                                                                                                                                                                                                                     |              | 1-16-25 | 1520              | JL                       |              | 1.16.25                | 1630            |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| JL                                                                                                                                                                                                                                                                                                                                                                                                    |              | 1.16.25 | 2230              | Nathaniel K. Allen       |              | 1-17-25                | 0500            |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other                                                                                                                                                                                                                                                                                                                              |              |         |                   |                          |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |
| Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |         |                   |                          |              |                        |                 |                                                                                                                                                                                                                                                                                                                                           |              |             |                |                                                                                                                             |                |               |                  |      |     |      |  |



envirotech

## Envirotech Analytical Laboratory

Printed: 1/17/2025 10:28:32AM

## 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: | Devon Energy - Carlsbad | Date Received:  | 01/17/25 05:00             | Work Order ID: | E501104      |
| Phone:  | (575) 748-0176          | Date Logged In: | 01/16/25 14:28             | Logged In By:  | Caitlin Mars |
| Email:  | delrac@pimaoil.com      | Due Date:       | 01/17/25 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

No of containers and sampled by not provided on COC.

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.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 426878

**QUESTIONS**

|                                                                                                       |                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                              |
|                                                                                                       | Action Number:<br>426878                                                    |
|                                                                                                       | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| <b>Prerequisites</b> |                                                     |
| Incident ID (n#)     | nAB1604335172                                       |
| Incident Name        | NAB1604335172 COTTON DRAW UNIT #135H @ 30-015-38533 |
| Incident Type        | Oil Release                                         |
| Incident Status      | Remediation Closure Report Received                 |
| Incident Well        | [30-015-38533] COTTON DRAW UNIT #135H               |

**Location of Release Source**

Please answer all the questions in this group.

|                         |                        |
|-------------------------|------------------------|
| Site Name               | COTTON DRAW UNIT #135H |
| Date Release Discovered | 01/12/2016             |
| Surface Owner           | Federal                |

**Incident Details**

Please answer all the questions in this group.

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

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

|                                                                                                                                                      |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Crude Oil Released (bbls) Details                                                                                                                    | Cause: Equipment Failure   Pump   Crude Oil   Released: 180 BBL   Recovered: 175 BBL   Lost: 5 BBL. |
| Produced Water Released (bbls) Details                                                                                                               | Not answered.                                                                                       |
| Is the concentration of chloride in the produced water >10,000 mg/l                                                                                  | No                                                                                                  |
| Condensate Released (bbls) Details                                                                                                                   | Not answered.                                                                                       |
| Natural Gas Vented (Mcf) Details                                                                                                                     | Not answered.                                                                                       |
| Natural Gas Flared (Mcf) Details                                                                                                                     | Not answered.                                                                                       |
| Other Released Details                                                                                                                               | Not answered.                                                                                       |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered.                                                                                       |



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 426878

**QUESTIONS (continued)**

|                                                                                                       |                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                              |
|                                                                                                       | Action Number:<br>426878                                                    |
|                                                                                                       | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>                                                                                                         |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                               | No, according to supplied volumes this does not appear to be a "gas only" report.                                                      |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC                                                                                  | Yes                                                                                                                                    |
| Reasons why this would be considered a submission for a notification of a major release                                                                 | From paragraph A. "Major release" determine using:<br>(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. |                                                                                                                                        |

**Initial Response**

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

|                                                                                                                    |               |
|--------------------------------------------------------------------------------------------------------------------|---------------|
| The source of the release has been stopped                                                                         | True          |
| The impacted area has been secured to protect human health and the environment                                     | True          |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | 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: James Raley<br>Title: EHS Professional<br>Email: jim.raley@dvni.com<br>Date: 01/30/2025 |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------|

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 426878

**QUESTIONS (continued)**

|                                                                                                       |                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                              |
|                                                                                                       | Action Number:<br>426878                                                    |
|                                                                                                       | Action Type:<br>[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)                                          | Between 1 and 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                                                                                       | Between 1 and 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                                                           | Low                            |
| 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 |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> |     |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                   | Yes |
| Was this release entirely contained within a lined containment area                                                                                                                                            | No  |

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

|                                             |       |
|---------------------------------------------|-------|
| Chloride (EPA 300.0 or SM4500 Cl B)         | 171   |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 13526 |
| GRO+DRO (EPA SW-846 Method 8015M)           | 10062 |
| BTEX (EPA SW-846 Method 8021B or 8260B)     | 10    |
| 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                        | 01/07/2025 |
| On what date will (or did) the final sampling or liner inspection occur     | 01/15/2025 |
| On what date will (or was) the remediation complete(d)                      | 01/13/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 1800       |
| What is the estimated volume (in cubic yards) that will be reclaimed        | 100        |
| What is the estimated surface area (in square feet) that will be remediated | 1800       |
| What is the estimated volume (in cubic yards) that will be remediated       | 100        |

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.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 426878

**QUESTIONS (continued)**

|                                                                                                       |                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                              |
|                                                                                                       | Action Number:<br>426878                                                    |
|                                                                                                       | Action Type:<br>[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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]                                              |
| <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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                                          |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No                                                                                          |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No                                                                                          |
| (In Situ) Soil Vapor Extraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No                                                                                          |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                                                                          |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                          |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                                          |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No                                                                                          |
| OTHER (Non-listed remedial process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                          |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                                                                             |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Name: James Raley<br>Title: EHS Professional<br>Email: jim.raley@dv.com<br>Date: 01/30/2025 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5  
  
Action 426878

QUESTIONS (continued)

|                                                                                                           |                                                                                 |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Operator:<br><br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br><br>6137                                                              |
|                                                                                                           | Action Number:<br><br>426878                                                    |
|                                                                                                           | Action Type:<br><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 |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 426878

**QUESTIONS (continued)**

|                                                                                                       |                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                              |
|                                                                                                       | Action Number:<br>426878                                                    |
|                                                                                                       | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| Sampling Event Information                                                                      |            |
|-------------------------------------------------------------------------------------------------|------------|
| Last sampling notification (C-141N) recorded                                                    | 419972     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 01/15/2025 |
| What was the (estimated) number of samples that were to be gathered                             | 25         |
| What was the sampling surface area in square feet                                               | 1800       |

| Remediation Closure Request                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| Requesting a remediation closure approval with this submission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                          |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                                                                          |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No                                                                                           |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes                                                                                          |
| What was the total surface area (in square feet) remediated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1800                                                                                         |
| What was the total volume (cubic yards) remediated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100                                                                                          |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                          |
| What was the total surface area (in square feet) reclaimed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1800                                                                                         |
| What was the total volume (in cubic yards) reclaimed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                                                                                          |
| Summarize any additional remediation activities not included by answers (above)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | This is a standard remediation occurring on pad, to fulfill closure requirements.            |
| <i>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. |                                                                                              |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Name: James Raley<br>Title: EHS Professional<br>Email: jim.raley@dvn.com<br>Date: 01/30/2025 |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7  
  
Action 426878

QUESTIONS (continued)

|                                                                                                           |                                                                                 |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Operator:<br><br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br><br>6137                                                              |
|                                                                                                           | Action Number:<br><br>426878                                                    |
|                                                                                                           | Action Type:<br><br>[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 |

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 426878

**CONDITIONS**

|                                                                                                       |                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                                              |
|                                                                                                       | Action Number:<br>426878                                                    |
|                                                                                                       | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**CONDITIONS**

| Created By | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Condition Date |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| amaxwell   | Remediation closure approved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/31/2025      |
| amaxwell   | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1/31/2025      |
| amaxwell   | The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. | 1/31/2025      |
| amaxwell   | Reclamation is required throughout the release area, not just the areas that were excavated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/31/2025      |