

Gulley Off-Location Flowline Removal Project

PADCO LLC

Analytical Results of Hydrocarbon and Produced Water Impacted Soil

| Sample Date | Sampled By | Soil Sample | Lab ID     | Location                      | Sample Depth (inches) | GRO (mg/kg) | DRO (mg/kg) | ORO (mg/kg) | TPH (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-Benzene (mg/kg) | Xylene (mg/kg) | 1,2,4-Tri methyl benzene (mg/kg) | 1,3,5-Tri methyl benzene (mg/kg) | Naph-thalene (mg/kg) | pH    |
|-------------|------------|-------------|------------|-------------------------------|-----------------------|-------------|-------------|-------------|-------------|-----------------|-----------------|-----------------------|----------------|----------------------------------|----------------------------------|----------------------|-------|
| ---         | ---        | Table 915   | ---        | ---                           | ---                   | ---         | ---         | ---         | 500         | 1.2             | 490             | 5.8                   | 58             | 30                               | 27                               | 2                    | 6-8.3 |
| 5/9/2023    | Lesair     | G1-WHR      | 2305255-01 | Riser at Well                 | ~60"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | 7.73  |
| 5/9/2023    | Lesair     | G1a         | 2305255-02 | Steel to Fiberglass           | ~60"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | 7.83  |
| 5/31/2023   | Lesair     | G1f         | ---        | ~250' Sample                  | ~60"                  | ND          | ND          | ND          | ND          | ---             | ---             | ---                   | ---            | ---                              | ---                              | ---                  | ---   |
| 5/9/2023    | Lesair     | G1b         | 2305255-03 | Staining at Fiberglass Collar | ~66"                  | ND          | 3,200       | 790         | 3,990       | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | 7.36  |
| 5/9/2023    | Lesair     | G1b2        | 2305253-05 | Staining at FG Collar (G1b)   | ~96"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | 7.73  |
| 5/9/2023    | Lesair     | G1b-SWn     | 2305253-01 | Side wall on N side of ditch  | ~60"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1b-SWs     | 2305253-02 | Side wall on S side of ditch  | ~60"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1b-DE      | 2305253-03 | 10' East of G1b2 in ditch     | ~80"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1b-DW      | 2305253-04 | 10' West of G1b2 in ditch     | ~72"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1c         | 2305255-04 | Fiberglass to Steel           | ~72"                  | 1.3         | 600         | 79          | 680         | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | 7.97  |
| 5/9/2023    | Lesair     | G1c2        | 2305254-04 | Fiberglass to Steel (G1c)     | ~76"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | 8.43  |
| 5/9/2023    | Lesair     | G1c-SWn     | 2305254-05 | Side wall on N side of ditch  | ~47"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1c-SWs     | 2305254-01 | Side wall on S side of ditch  | ~44"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1c-DE      | 2305254-02 | 10' East of G1c2 in ditch     | ~75"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1c-DW      | 2305254-03 | 10' West of G1c2 in ditch     | ~75"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | ---   |
| 5/9/2023    | Lesair     | G1-TRTR     | 2305255-05 | Riser at Treater              | ~66"                  | ND          | ND          | ND          | ND          | ND              | ND              | ND                    | ND             | ND                               | ND                               | ND                   | 7.85  |
|             |            |             |            |                               |                       |             |             |             |             |                 |                 |                       |                |                                  |                                  |                      |       |

**NOTES:** Lesair believes the 8.43 pH for sample 2305254-04 does not require further investigation and is requesting a NFA determination.  
Lesair performed a field sample analysis using a FID at ~250' (approximate mid-point of 475' flowline) with a resulting 0 reading.

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| Sample Date | Sampled By | Soil Sample | Lab ID     | Location                      | Sample Depth (inches) | Sodium Adsorption Ratio (SAR) | Specific Conductance (EC) (mmhos/cm) | % Solids | Boron (mg/l) | pH    |
|-------------|------------|-------------|------------|-------------------------------|-----------------------|-------------------------------|--------------------------------------|----------|--------------|-------|
| ---         | ---        | Table 915   | ---        | ---                           | ---                   | <6                            | <4                                   | ---      | 2            | 6-8.3 |
| 5/9/2023    | Lesair     | G1-WHR      | 2305255-01 | Riser at Well                 | ~60"                  | 5.06                          | 3.72                                 | 87.8     | 0.75         | 7.73  |
| 5/9/2023    | Lesair     | G1a         | 2305255-02 | Steel to Fiberglass           | ~60"                  | 4.47                          | 2.26                                 | 86.5     | 5.84         | 7.83  |
| 5/9/2023    | Lesair     | G1b         | 2305255-03 | Staining at Fiberglass Collar | ~66"                  | 2.99                          | 2.28                                 | 86.4     | 0.42         | 7.36  |
| 5/9/2023    | Lesair     | G1b2        | Pending    | Staining at FG Collar (G1b)   | ~96"                  | 3.13                          | 1.17                                 | 87.7     | 0.32         | 7.73  |
| 5/9/2023    | Lesair     | G1b-SWn     | Pending    | Side wall on N side of ditch  | ~60"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1b-SWs     | Pending    | Side wall on S side of ditch  | ~60"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1b-DE      | Pending    | 10' East of G1b2 in ditch     | ~80"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1b-DW      | Pending    | 10' West of G1b2 in ditch     | ~72"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1c         | 2305255-04 | Fiberglass to Steel           | ~72"                  | 4.01                          | 0.76                                 | 88.1     | 0.50         | 7.97  |
| 5/9/2023    | Lesair     | G1c2        | 2305254-05 | Fiberglass to Steel (G1c)     | ~76"                  | 1.21                          | 0.39                                 | 87.6     | 0.47         | 8.43  |
| 5/9/2023    | Lesair     | G1c-SWn     | 2305254-01 | Side wall on N side of ditch  | ~47"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1c-SWs     | 2305254-02 | Side wall on S side of ditch  | ~44"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1c-DE      | 2305254-03 | 10' East of G1c2 in ditch     | ~75"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1c-DW      | 2305254-04 | 10' West of G1c2 in ditch     | ~75"                  | ---                           | ---                                  | ---      | ---          | ---   |
| 5/9/2023    | Lesair     | G1-TRTR     | 2305255-05 | Riser at Treater              | ~66"                  | 5.62                          | 1.67                                 | 85.0     | 0.47         | 7.85  |
|             |            |             |            |                               |                       |                               |                                      |          |              |       |

**NOTES:** The 5.84 mg/L Boron result for sample 2305255-02 is uncharacteristic and is not thought to be a result of oil & gas operations. Lesair believes this warrants NFA.

| Sample Date | Sampled By | Soil Sample | Lab ID | Location | Sample Depth (inches) | Arsenic (mg/kg) | Barium (mg/kg) | Cadmium (mg/kg) | Chromium (mg/kg) | Copper (kg/mg) | Lead (kg/mg) | Nickel (mg/kg) | Selenium (mg/kg) | Silver (mg/kg) | Zinc (mg/kg) | pH    |
|-------------|------------|-------------|--------|----------|-----------------------|-----------------|----------------|-----------------|------------------|----------------|--------------|----------------|------------------|----------------|--------------|-------|
| ---         | ---        | Table 915   | ---    | ---      | ---                   | 0.68            | 15,000         | 71              | 0.3              | 3,100          | 400          | 1,500          | 390              | 390            | 23,000       | 6-8.3 |
|             |            |             |        |          |                       |                 |                |                 |                  |                |              |                |                  |                |              |       |
|             |            |             |        |          |                       |                 |                |                 |                  |                |              |                |                  |                |              |       |