

Soil Analytical Data Summary Table

Citation Oil & Gas Corp.  
Arapahoe Unit Sec. 25S Tank Battery Soil Sampling  
Cheyenne County, Colorado

| Sample ID                                     | Sample Depth (Inches) | Date Sampled | Concentration (mg/kg) |         |              |                 |                         |                         |            |     |     |     |     |               | Unitless |       |
|---|-----------------------|--------------|-----------------------|---------|--------------|-----------------|-------------------------|-------------------------|------------|-----|-----|-----|-----|---------------|----------|-------|
|   |                       |              | Benzene               | Toluene | Ethylbenzene | Xylenes (Total) | 1,2,4 Trimethyl-benzene | 1,3,5 Trimethyl-benzene | Napthalene | GRO | DRO | ORO | TPH | EC (mmhos/cm) | SAR      | pH    |
| COGCC Table 915-1 Concentration Levels (RSSL) |                       |              | 1.2                   | 490     | 5.8          | 58              | 30                      | 27                      | 2          | NA  | NA  | NA  | 500 | <4            | <6       | 6-8.3 |
| Soil Samples                                  |                       |              |                       |         |              |                 |                         |                         |            |     |     |     |     |               |          |       |
| AU_SS_03                                      | 54                    | 4/20/2022    | NA                    | NA      | NA           | NA              | NA                      | NA                      | NA         | NA  | NA  | NA  | NA  | 4.08          | 6.19     | NA    |
| AU_SS_04                                      | 54                    | 4/20/2022    | NA                    | NA      | NA           | NA              | NA                      | NA                      | NA         | NA  | NA  | NA  | NA  | NA            | 15.8     | 8     |
| AU_SS_05_SW                                   | 36                    | 4/20/2022    | NA                    | NA      | NA           | NA              | NA                      | NA                      | NA         | NA  | NA  | NA  | NA  | 0.931         | 6.48     | NA    |
| AU_SS_06_SW                                   | 36                    | 4/20/2022    | NA                    | NA      | NA           | NA              | NA                      | NA                      | NA         | NA  | NA  | NA  | NA  | NA            | 4.05     | NA    |

mg/kg - milligrams per kilogram  
mmhos/cm - millimhos per centimeter  
ND - Analytical result is not detectedabove the reporting limit  
COGCC - Colorado Oil and Gas Conservation Commission

GRO - Gasoline Range Organics  
DRO - Diesel Range Organics (C10-C28)  
TPH - Total Petroleum Hydrocarbons (Combined GRO/DRO)  
ORO - Oil Range Organics (C28-C36)

SAR - Sodium Adsorption Ratio  
NA - Not Analyzed  
BGS - Below Ground Surface  
EC - Electrical Conductivity

RSSL = Residential Soil Screening Level