

**Table 1**  
**Colorado State #2 Historic and Recent Flowline Releases**  
**Site Characterization Soil Sample Analytical Summary**  
**October 29, 2018**  
**Weld County, Colorado**

| Sample Number                                 | Sample Date | Sample Depth (ft-bgs) | BTEX (mg/kg) |           |              |               | TPH (mg/kg)        |                     |                     |                 |
|---|-------------|-----------------------|--------------|-----------|--------------|---------------|--------------------|---------------------|---------------------|-----------------|
|   |             |                       | Benzene      | Toluene   | Ethylbenzene | Total Xylenes | GRO (C6-C10 Range) | DRO (C10-C28 Range) | ORO (C28-C40 Range) | TPH=GRO+DRO+ORO |
| <b>COGCC Table 910-1 Concentration Levels</b> |             |                       | <b>0.17</b>  | <b>85</b> | <b>100</b>   | <b>175</b>    | <b>500</b>         | <b>500</b>          | <b>500</b>          | <b>500</b>      |
| SS1N @ 5.5 ft                                 | 10/29/2018  | 5.5                   | < 0.050      | < 0.050   | 0.163        | 0.828         | 482                | <b>5,760</b>        | <b>2,300</b>        | <b>8,542</b>    |
| SS2S @ 5.5 ft                                 | 10/29/2018  | 5.5                   | < 0.050      | < 0.050   | < 0.050      | < 0.050       | 37.3               | < 50.0              | < 200               | 37.3            |
| SS3E @ 5.5 ft                                 | 10/29/2018  | 5.5                   | < 0.050      | < 0.050   | < 0.050      | < 0.050       | 19.3               | < 50.0              | < 200               | 19.3            |
| SS4B @ 6.0 ft                                 | 10/29/2018  | 6.0                   | < 0.050      | 0.368     | 0.546        | 9.53          | <b>1,550</b>       | <b>6,700</b>        | <b>2,270</b>        | <b>10,520</b>   |
| SS5W @ 5.0 ft                                 | 10/29/2018  | 5.0                   | 0.098        | 0.464     | 1.09         | 7.23          | <b>1,020</b>       | <b>2,650</b>        | <b>835</b>          | <b>4,505</b>    |
| SS6NW @ 2.5 ft                                | 10/29/2018  | 2.5                   | < 0.050      | 0.097     | 0.447        | 3.86          | <b>692</b>         | <b>11,000</b>       | <b>4,470</b>        | <b>16,162</b>   |
| SS7W @ 1.0 ft                                 | 10/29/2018  | 1.0                   | < 0.050      | < 0.050   | < 0.050      | 0.258         | 445                | <b>7,890</b>        | <b>2,630</b>        | <b>10,965</b>   |

Colorado Oil and Gas Conservation Commission (COGCC), 900 Series, Exploration and Production Waste Management, Table 910-1, Concentration Levels, May, 2018

mg/kg - Milligrams per kilogram

**Bold** - Above COGCC Table 910-1 concentration level

ft-bgs - Feet below ground surface

PID - Photo-ionization detector

ppm - parts per million

BTEX - Benzene, toluene, ethylbenzene, total xylenes

GRO - Gasoline range organics

DRO - Diesel range organics

ORO - Oil range organics (residual range organics)

TPH - Total petroleum hydrocarbons

< - Sample not reported at or above laboratory reporting limit

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