

Table 1
Colorado State #2 Historic and Recent Flowline Releases
Excavation Soil Samples and Initial Site Characterization - Petroleum Hydrocarbon and Inorganic Analytical Summary
Weld County, Colorado

| Sample Number | Sample Date | Sample Depth (ft-bgs) | BTEX (mg/kg) | | | | TPH (mg/kg) | | | | Inorganic Soil Parameters | | |
|---|-------------|-----------------------|--------------|-----------|--------------|---------------|--------------------|---------------------|---------------------|-----------------|---------------------------|---|----------------|
| | | | Benzene | Toluene | Ethylbenzene | Total Xylenes | GRO (C6-C10 Range) | DRO (C10-C28 Range) | RRO (C28-C40 Range) | TPH=GRO+DRO+RRO | pH (s.u.) | Electrical Conductance (mmohs/cm) | SAR |
| COGCC Table 910-1 Concentration Levels | | | 0.17 | 85 | 100 | 175 | 500 | 500 | 500 | 500 | 6 to 9 | < 4 mmohs/cm or 2X background | < 12 |
| SS1N @ 5.5 ft | 10/29/2018 | 5.5 | ND | ND | 0.163 | 0.828 | 482 | 5,760 | 2,300 | 8,542 | NA | NA | NA |
| SS-10N @ 6.0 ft (SS1N Resample) | 11/30/2018 | 6.0 | ND | ND | ND | 0.008 | ND | ND | ND | ND | NA | NA | NA |
| SS2S @ 5.5 ft | 10/29/2018 | 5.5 | ND | ND | ND | ND | 37.3 | ND | ND | 37.3 | NA | NA | NA |
| SS3E @ 5.5 ft | 10/29/2018 | 5.5 | ND | ND | ND | ND | 19.3 | ND | ND | 19.3 | NA | NA | NA |
| SS4B @ 6.0 ft (Excavated) | 10/29/2018 | 6.0 | ND | 0.368 | 0.546 | 9.53 | 1,550 | 6,700 | 2,270 | 10,520 | 8.14 | 0.806 | 56.10 |
| SS5W @ 5.0 ft | 10/29/2018 | 5.0 | 0.098 | 0.464 | 1.09 | 7.23 | 1,020 | 2,650 | 835 | 4,505 | 8.79 | 1.57 | 165.71 |
| SS-11W @ 6.0 ft (SS5W Resample) | 11/30/2018 | 6.0 | ND | ND | ND | ND | ND | ND | ND | ND | NA | NA | NA |
| SS6NW @ 2.5 ft | 10/29/2018 | 2.5 | ND | 0.097 | 0.447 | 3.86 | 692 | 11,000 | 4,470 | 16,162 | NA | NA | NA |
| SS-12 @ 3.0 ft (SS6NW Resample) | 4/3/2019 | 3.0 | NA | NA | NA | NA | ND | ND | ND | ND | NA | NA | 5.96 |
| SS7W @ 1.0 ft | 10/29/2018 | 1.0 | ND | ND | ND | 0.258 | 445 | 7,890 | 2,630 | 10,965 | NA | NA | NA |
| SS 14 @ 1.5 ft (SS7W Resample) | 4/3/2019 | 1.5 | NA | NA | NA | NA | ND | ND | ND | ND | NA | NA | 30.75 |
| SS8 @ 1.0 ft | 10/29/2018 | 1.0 | NA | NA | NA | NA | NA | NA | NA | NA | 8.44 | 1.42 | 91.07 |
| SS 13 @ 2.5 ft (SS8 Resample) | 4/3/2019 | 2.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 415.23 |
| SS9 @ 0-0.2 ft | 10/29/2018 | 0.2 | NA | NA | NA | NA | NA | NA | NA | NA | 8.43 | 0.0307 | 2.27 |

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 (Carbon 6 to Carbon 10)

DRO - Diesel range organics (Carbon 10 to Carbon 28)

RRO - residual range organics (Carbon 28 to Carbon 40)

TPH - Total petroleum hydrocarbons

ND - Not detected at or above the laboratory reporting limit

NA - Not Analyzed

mmohs/cm - millimohs per centimeter

s.u. - standard units

SAR - Sodium adsorption ratio

Excavated to 8.0 ft on 11/30/18 and removed sample SS4B @ 6.0 ft.

GW infiltrated the excavation at 8.0 ft. Sample EGW-1 collected to account for a clean base sample.

Sample SS-10 @ 6.0 ft was collected from the same location as SS1 N @ 5.5 ft.

Sample SS-11 @ 6.0 ft was collected from the same location as SS5 W @ 5.0 ft.

Sample SS-12 @ 3.0 ft was collected from the same location as SS6 NW @ 2.5 ft.

Sample SS-13 @ 2.5 ft was collected at the same location as SS8 @ 1.0 ft.

Sample SS 14 @ 1.5 ft was collected at the end of the flow path at the same location as SS7W @ 1.0 ft.