

Table 1
My Way Ranch 17-2
PRELIMINARY Soil Sampling Summary

| PRELIMINARY LABORATORY DATA SUMMARY | | | | | | | | | | | | | | | |
|-------------------------------------|--|--|---|---|---|---|---|---|---|---|---|---------------------------------------|--|----------|--|
| Sample ID | MWR 17-2 SS1 | MWR 17-2 SS2 | 101019-MWR 17-2-W1 (36") | 101019-MWR 17-2-W3 (30") | 101019-MWR 17-2-E1 (10') | 101019-MWR 17-2-E3 (24") | 101019-MWR 17-2-N1 (30") | 101019-MWR 17-2-N2 (24") | 101019-MWR 17-2-N3 (29") | 101019-MWR 17-2-N4 36") | 101019-MWR 17-2-N5 30") | BG-E PT 92 12 IN | COGCC TABLE 910-1 CONCENTRATION LEVELS | UNITS | |
| Sample Type | Grab | Grab | Grab | Grab | Grab | Grab | Grab | Grab | Grab | Grab | Grab | Grab | | | |
| Sample Depth | 0-6" | 0-6" | 36" | 30" | 10 feet | 24" | 30" | 24" | 24" | 36" | 30" | 12" | | | |
| Sample Date | 9/26/2019 | 9/26/2019 | 10/10/2019 | 10/10/2019 | 10/10/2019 | 10/10/2019 | 10/10/2019 | 10/10/2019 | 10/10/2019 | 10/10/2019 | 10/10/2019 | 4/8/2012 | | | |
| Longitude N | 39.190524 | 39.190415 | 39.19038 | 39.19046 | 39.19040 | 39.19047 | 39.19052 | 39.19053 | 39.19051 | 39.19054 | 39.19051 | | | | |
| Latitude W | -107.903488 | -107.903369 | -107.903359 | -107.903361 | -107.90332 | -107.90331 | -107.90339 | -107.90338 | -107.90349 | -107.90349 | -107.90342 | | | | |
| Sample Description | Surface Sample for Spill Investigation and Characterization - Spill Confirmation | Surface Sample for Spill Investigation and Characterization - Spill Confirmation | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Soil Sample for Spill Characterization - Vertical and Horizontal Extent | Background Sample - My Way Ranch 16-5 | | | |
| Analytical Parameters | | | | | | | | | | | | | | | |
| TPH | | | | | | | | | | | | | | | |
| TPH Gasoline Range Organics | 0.697 | ND | | | | | | | | | | NA | 500 | mg/kg | |
| TPH Diesel Range Organics | 3090 | 164 | ND | 8.95 | 14.1 | 6.96 | 7.03 | ND | ND | ND | ND | NA | | | |
| BTEx | | | | | | | | | | | | | | | |
| Benzene | 0.00248 | 0.00403 | | | | | | | | | | NA | 0.17 | mg/kg | |
| Toluene | 0.00683 | ND | | | | | | | | | | NA | 85 | mg/kg | |
| Ethylbenzene | 0.00209 | ND | | | | | | | | | | NA | 100 | mg/kg | |
| Total Xylene | 0.031 | 0.00369 | | | | | | | | | | NA | 175 | mg/kg | |
| Polynuclear Aromatic Hyrdrocarbons | | | | | | | | | | | | | | | |
| Anthracene | ND | ND | | | | | | | | | | NA | 1,000 | mg/kg | |
| Acenaphthene | ND | ND | | | | | | | | | | NA | 1,000 | mg/kg | |
| Benzo(a)anthracene | ND | ND | | | | | | | | | | NA | 0.22 | mg/kg | |
| Benzo(a)pyrene | ND | ND | | | | | | | | | | NA | 0.022 | mg/kg | |
| Benzo(b)fluoranthene | ND | ND | | | | | | | | | | NA | 0.22 | mg/kg | |
| Benzo(k)fluoranthene | ND | ND | | | | | | | | | | NA | 2.2 | mg/kg | |
| Chrysene | ND | ND | | | | | | | | | | NA | 22 | mg/kg | |
| Dibenzo(a,h)anthracene | ND | ND | | | | | | | | | | NA | 0.022 | mg/kg | |
| Fluoranthene | ND | ND | | | | | | | | | | NA | 1,000 | mg/kg | |
| Fluorene | ND | ND | | | | | | | | | | NA | 1,000 | mg/kg | |
| Indeno(1,2,3-cd)pyrene | ND | ND | | | | | | | | | | NA | 0.22 | mg/kg | |
| Napthalene | 0.0289 | ND | | | | | | | | | | NA | 23 | mg/kg | |
| Pyrene | ND | ND | | | | | | | | | | NA | 1,000 | mg/kg | |
| Metals | | | | | | | | | | | | | | | |
| Arsenic | 2.2 | <2.00 | 2.4 | 2.1 | 3.0 | 2.9 | 2.6 | 2.4 | 2.4 | 2.7 | 2.5 | 3.5 | 0.39* | mg/kg | |
| Barium | 220 | 354 | 158 | 209 | 151 | 492 | 158 | 160 | 277 | 205 | 256 | NA | 15,000 | mg/kg | |
| Cadmium | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | 70 | mg/kg | |
| Chromium, Trivalent | 14.3 | 16.6 | 19.4 | 22 | 20.9 | 20.9 | 18.6 | 19.6 | 20.5 | 21.6 | 22.2 | NA | 120,000 | mg/kg | |
| Chromium, Hexavalent | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | 23 | mg/kg | |
| Copper | 13.5 | 17 | 20.8 | 24.1 | 19.9 | 22.1 | 21.8 | 22.0 | 22.8 | 23.2 | 24.1 | NA | 3,100 | mg/kg | |
| Lead | 4.6 | 6.52 | 11.7 | 13.1 | 11.5 | 11.5 | 11.2 | 11.8 | 12.4 | 12.8 | 13.6 | NA | 400 | mg/kg | |
| Mercury | ND | 0.163 | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | 23 | mg/kg | |
| Nickel | 37.1 | 48.2 | 17.3 | 19.3 | 16.8 | 21.4 | 17 | 16.6 | 17.8 | 19.1 | 17.7 | NA | 1,600 | mg/kg | |
| Selenium | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | 390 | mg/kg | |
| Silver | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | 390 | mg/kg | |
| Zinc | 55 | 49.1 | 57 | 64.5 | 58 | 59 | 59 | 56 | 60 | 64 | 64 | NA | 23,000 | mg/kg | |
| SAR Metals Analysis | | | | | | | | | | | | | | | |
| Sodium Adsorption Ratio | 6.17 | 26.9 | 3.57 | | | | | | 4.68 | 3.2 | 2.85 | NA | <12 | ratio | |
| General Chemistry | | | | | | | | | | | | | | | |
| Specific Conductivity | 0.952 | 5.55 | | 0.414 | 1.11 | 0.542 | 1.06 | 0.733 | | | | NA | <4 or 2X Background | mmhos/cm | |
| pH | 8.46 | 8.34 | 8.45 | 8.26 | 7.89 | 8.6 | 8.46 | 8.2 | 8.2 | 8.09 | 8.1 | NA | 6-9 | su | |

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not analyzed

NT - parameter was not tested
ND - not detected above method detection limit
Over COGCC Table 910-1 concentration levels but under BACKGROUND level.
Over COGCC Table 910-1 concentration levels and not within BACKGROUND level.
Over COGCC Table 910-1 concentration levels
*- Background sample of 3.5 mg/kg; Sample lab #L571096, ID# BG-E PT 92 12 IN, April 8, 2012
"Blank" - Indicates analyte not reported yet