

| Parameter | Max Concentration Limits | Coveney | MV | River Mtn. | Sisterdale VFD | Woodridge | Diamond Ridge | Waterstone (LT) | Waterstone (MT) | Champee Fire |
|----------------------------------|--|---------|---------|------------|----------------|-----------|---------------|-----------------|-----------------|--------------|
| Water Level on 04/25/2018 | | 1227.40 | 1191.71 | 1101.10 | 1246.54 | 1271.55 | 1128.00 | 906.10 | 1049.05 | 1826.95 |
| Hardness | 0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard | 342 | 342 | 376 | 359 | 513 | 1710 | 359 | 308 | 257 |
| pH | acceptable range = 6.5 to 8.5 | 7.2 | 7.5 | 7.4 | 7.4 | 7.3 | 7.3 | 7.6 | 7.2 | 7.4 |
| Conductivity | 0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High | 0.591 | 0.589 | 0.703 | 0.753 | 1.232 | 1.375 | 2.034 | 0.693 | 0.463 |
| TDS | >1000 mg/L *MC Limit | 290 | 289 | 344 | 369 | 604 | 674 | 997 | 340 | 227 |
| Iron | 0.3 mg/L *MC Limit | 0.21 | 0.07 | 0.02 | 0.09 | 0.11 | 0.03 | 0.03 | 0.11 | 0.03 |
| Sulfate | 300 mg/L *MC Limit | 24 | 51 | 69 | 63 | 210 | 510 | 355 | 21 | 6 |
| Fluoride | 0.-0.6 mg/L Good 0.6-2.0 mg/L Optimum 2.0-4.0 mg/L Mottling of teeth >4.0 mg/L Possible health risk | 0.27 | 0.99 | 1.37 | 0.96 | 1.68 | 2.90 | 1.39 | 0.09 | 0.11 |
| Nitrate | 10 mg/L as N *MC Limit 44 mg/L as No3 | 0.9 | 0.3 | 0.4 | 0.3 | 0.3 | 2.1 | 2.6 | 0.4 | 1.5 |
| Chloride | 300 mg/L *MC Limit | 33.1 | 12.6 | 16.8 | 25.5 | 174 | 26 | 394 | 22.7 | 11.1 |
| Total Coliforms | | Present | Present | Absent | Absent | Absent | Absent | Absent | Absent | Present |
| E. coli | | Absent | Absent | Absent | Absent | Absent | Absent | Absent | Absent | Absent |
| 4/19/2018 | | | | | | | | | | |

The District currently has 40 monitor wells. The 9 listed above are equipped so that a water sample may be collected. The red highlighted areas indicate an exceedance of the Max Concentration Limit for Public Drinking Water.

Samples were collected by Cow Creek Groundwater Conservation District and testing was performed by Kendall County Water Control and Improvement District #1.