Table 16. Summary of measured constituents and properties for Cummings Gulch at mouth, station 384448108070301

[--, no data or not applicable; L, low; M, medium; H, high; LRL, Lab Reporting Level; *, value is censored, see Definition of Terms for censored value replacement rules; NC, percentiles and medians not calculated or Level of Concern not computed; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, pH, and water temperature]

| Constituent or property | Period (water years) | Number of samples | Number of censored values | Minimum | Median | Maximum | Date of Maximum | 15th percentile | 85th percentile | Chronic standard or standard | Number of exceedances of chronic standard or standard | Acute standard or standard | Number of exceedances of acute standard or standard | LRL | Level of concern |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Instantaneous discharge, in cubic feet per second | 1995-2000 | 9 | 0 | 2.3 | 6.0 | 69.3 | 09/07/99 | 2.9 | 65.0 | -- | -- | . | -- | -- | -- |
| Instantaneous discharge, in cubic feet per second | 2013-2014 | 6 | 0 | 2.6 | 46.8 | 58.3 | 08/14/13 | 2.6 | 58.1 | -- | -- | . | -- | -- | -- |
| Dissolved oxygen, in milligrams per liter | 1998 | 1 | 0 | 9.5 | NC | 9.5 | 05/14/98 | NC | NC | 5.0 | 0 | -- | -- | -- | NC |
| Dissolved oxygen, in milligrams per liter | 2013-2014 | 6 | 0 | 7.3 | 8.1 | 11.9 | 12/16/13 | 7.3 | 11.8 | 5.0 | 0 | -- | -- | -- | L |
| pH, in standard units | 1995-2000 | 9 | 0 | 7.6 | 8.1 | 8.4 | 02/15/95 | 7.8 | 8.4 | 6.5-9.0 | 0 | | -- | -- | L |
| pH, in standard units | 2013-2014 | 6 | 0 | 8.0 | 8.2 | 8.3 | 12/16/13 | 8.0 | 8.3 | 6.5-9.0 | 0 | | -- | -- | L |
| pH, laboratory, in standard units | 1995-1998 | 5 | 0 | 7.7 | NC | 7.9 | 02/15/95 | NC | NC | 6.5-9.0 | 0 | | -- | -- | NC |
| Specific conductance, laboratory, in microsiemens per centimeter | 1995-1998 | 5 | 0 | 1,108 | NC | 2,660 | 03/08/95 | NC | NC | -- | -- | . | -- | -- | -- |
| Specific conductance, in microsiemens per centimeter | 1995-2000 | 9 | 0 | 1,118 | 2,460 | 2,690 | 03/08/95 | 1,129 | 2,655 | -- | -- | . | -- | -- | -- |
| Specific conductance, in microsiemens per centimeter | 2013-2014 | 6 | 0 | 1,366 | 1,519 | 2,267 | 12/16/13 | 1,366 | 2,266 | -- | -- | . | -- | -- | -- |
| Temperature, water, degrees Celsius | 1995-2000 | 9 | 0 | 2.0 | 5.5 | 15.9 | 09/07/99 | 2.2 | 14.1 | -- | -- | -- | -- | -- | -- |
| Temperature, water, degrees Celsius | 2013-2014 | 6 | 0 | 3.0 | 16.7 | 21.5 | 07/17/13 | 3.4 | 21.4 | -- | -- | -- | -- | -- | -- |
| Temperature, water, degrees Celsius March-November | 1995-2000 | 6 | 0 | 2.3 | 8.6 | 15.9 | 09/07/99 | 2.4 | 15.7 | 28.6 | 0 | -- | -- | -- | L |
| Temperature, water, degrees Celsius March-November | 2013-2014 | 5 | 0 | 11.3 | NC | 21.5 | 07/17/13 | NC | NC | 28.6 | 0 | -- | -- | -- | NC |
| Temperature, water, degrees Celsius December-February | 1995 | 3 | 0 | 2.0 | NC | 5.5 | 12/13/94 | NC | NC | 14.3 | 0 | -- | -- | -- | NC |
| Temperature, water, degrees Celsius December-February | 2014 | 1 | 0 | 3.0 | NC | 3.0 | 12/16/13 | NC | NC | 14.3 | 0 | -- | -- | -- | NC |
| Turbidity, in nephlometric turbidity ratio-units | 2013-2014 | 6 | 1 | 0 * | 94.7 | 425.0 | 07/17/13 | 0.2 | 412.4 | -- | -- | -- | -- | 2.0 | -- |
| Residue, in milligrams per liter | 1998 | 1 | 0 | 878 | NC | 878 | 05/14/98 | NC | NC | -- | -- | . | -- | -- | -- |
| Calcium, in milligrams per liter | 1995-1998 | 5 | 0 | 166 | NC | 430 | 12/13/94 | NC | NC | -- | -- | . | -- | -- | -- |
| Calcium, in milligrams per liter | 2013-2014 | 6 | 0 | 223 | 263 | 417 | 12/16/13 | 223 | 417 | -- | -- | . | -- | 0.022 | -- |
| Magnesium, in milligrams per liter | 1995-1998 | 5 | 0 | 29.4 | NC | 89.0 | 03/08/95 | NC | NC | -- | -- | . | -- | -- | -- |
| Magnesium, in milligrams per liter | 2013-2014 | 6 | 0 | 37.5 | 40.5 | 73.7 | 03/06/14 | 37.6 | 73.4 | -- | -- | . | -- | 0.011 | -- |
| Potassium, in milligrams per liter | 1995-1998 | 5 | 0 | 2.3 | NC | 4.2 | 03/08/95 | NC | NC | -- | -- | . | -- | -- | -- |
| Potassium, in milligrams per liter | 2013-2014 | 6 | 0 | 2.1 | 2.4 | 3.1 | 07/17/13 | 2.1 | 3.0 | -- | -- | . | -- | 0.030 | -- |
| Sodium, in milligrams per liter | 1995-1998 | 5 | 0 | 36.2 | NC | 130 | 03/08/95 | NC | NC | -- | -- | . | -- | -- | -- |
| Sodium, in milligrams per liter | 2013-2014 | 6 | 0 | 47.8 | 50.6 | 102 | 03/06/14 | 47.8 | 102 | -- | -- | . | -- | 0.060 | -- |
| Acid neutralizing capacity, in milligrams per liter | 1995-1998 | 5 | 0 | 148 | NC | 195 | 03/08/95 | NC | NC | -- | -- | . | -- | -- | -- |
| Alkalinity, inflection-point titration, in milligrams per liter | 1998 | 1 | 0 | 140 | NC | 140 | 05/14/98 | NC | NC | -- | -- | . | -- | -- | -- |
| Alkalinity, inflection-point titration, in milligrams per liter | 2013-2014 | 6 | 0 | 193 | 211 | 225 | 08/14/13 | 193 | 225 | -- | -- | . | -- | -- | -- |
| Bicarbonate, in milligrams per liter | 1998 | 1 | 0 | 171 | NC | 171 | 05/14/98 | NC | NC | -- | -- | . | -- | -- | -- |
| Bicarbonate, in milligrams per liter | 2013-2014 | 6 | 0 | 230 | 253 | 269 | 08/14/13 | 230 | 269 | -- | -- | . | -- | -- | -- |
| Carbonate, in milligrams per liter | 2013-2014 | 6 | 0 | 2.0 | 2.7 | 3.0 | 03/06/14 | 2.0 | 3.0 | -- | -- | . | -- | -- | -- |
| Chloride, in milligrams per liter | 1995-1998 | 5 | 0 | 7.1 | NC | 26.0 | 03/08/95 | NC | NC | 250 | 0 | . | -- | -- | NC |
| Chloride, in milligrams per liter | 2013-2014 | 6 | 0 | 8.0 | 9.6 | 20.0 | 03/06/14 | 8.0 | 19.6 | 250 | 0 | . | -- | 0.020 | L |
| Fluoride in milligrams per liter | 1995-1998 | 5 | 0 | 0.86 | NC | 1.6 | 12/13/94 | NC | NC | 2.0 | 0 | . | -- | -- | NC |
| Fluoride in milligrams per liter | 2013-2014 | 6 | 0 | 1.2 | 1.3 | 1.5 | 03/06/14 | 1.2 | 1.5 | 2.0 | 0 | . | -- | 0.010 | M |

Table 16. Summary of measured constituents and properties for Cummings Gulch at mouth, station 384448108070301

[--, no data or not applicable; L, low; M, medium; H, high; LRL, Lab Reporting Level; *, value is censored, see Definition of Terms for censored value replacement rules; NC, percentiles and medians not calculated or Level of Concern not computed; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, pH, and water temperature]

| Constituent or property | Period (water years) | Number of samples | Number of censored values | Minimum | Median | Maximum | Date of Maximum | 15th percentile | 85th percentile | Chronic standard or standard | Number of exceedances of chronic standard or standard | Acute standard or standard | Number of exceedances of acute standard or standard | LRL | Level of concern |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Silica, in milligrams per liter | 1995-1998 | 5 | 0 | 15.0 | NC | 26.0 | 12/13/94 | NC | NC | -- | -- | . | -- | -- | -- |
| Silica, in milligrams per liter | 2013-2014 | 6 | 0 | 15.4 | 21.1 | 24.1 | 12/16/13 | 15.6 | 24.0 | -- | -- | . | -- | 0.018 | -- |
| Sulfate, in milligrams per liter | 1995-1998 | 5 | 0 | 449 | NC | 1,400 | 03/08/95 | NC | NC | 250 | 5 | . | -- | -- | NC |
| Sulfate, in milligrams per liter | 2013-2014 | 6 | 0 | 565 | 638 | 1,201 | 03/06/14 | 567 | 1,195 | 250 | 6 | . | -- | 0.020 | H |
| Ammonia plus organic nitrogen, in milligrams per liter as N | 1998 | 1 | 0 | 0.515 | NC | 0.515 | 05/14/98 | NC | NC | -- | -- | -- | -- | -- | -- |
| Ammonia plus organic nitrogen (total), in milligrams per liter as N | 1998 | 1 | 0 | 1.18 | NC | 1.18 | 05/14/98 | NC | NC | -- | -- | -- | -- | -- | -- |
| Ammonia plus organic nitrogen (total), in milligrams per liter as N | 2013-2014 | 6 | 0 | 0.497 | 0.954 | 2.19 | 07/17/13 | 0.503 | 2.15 | -- | -- | -- | -- | 0.070 | -- |
| Ammonia, in milligrams per liter as N | 1998 | 1 | 0 | 0.044 | NC | 0.044 | 05/14/98 | NC | NC | 2.00 | 0 | 4.38 | 0 | -- | NC |
| Ammonia, in milligrams per liter as N | 2013-2014 | 6 | 2 | 0 * | 0.013 | 0.040 | 07/17/13 | 0 * | 0.039 | 1.70 | 0 | 4.39 | 0 | 0.010 | L |
| Nitrite plus nitrate in milligrams per liter as N | 1995-1998 | 5 | 0 | 4.84 | NC | 13.0 | 01/17/95 | NC | NC | 10.0 | 4 | -- | -- | -- | NC |
| Nitrite plus nitrate in milligrams per liter as N | 2013-2014 | 6 | 0 | 5.78 | 7.79 | 11.6 | 12/16/13 | 5.86 | 11.6 | 10.0 | 2 | -- | -- | 0.040 | H |
| Nitrite, in milligrams per liter as N | 1995-1998 | 2 | 0 | 0.020 | NC | 0.024 | 05/14/98 | NC | NC | 0.05 | 0 | -- | -- | -- | NC |
| Nitrite, in milligrams per liter as N | 2013-2014 | 6 | 0 | 0.010 | 0.028 | 0.059 | 07/17/13 | 0.010 | 0.059 | 0.05 | 1 | -- | -- | 0.0010 | H |
| Orthophosphate, in milligrams per liter as P | 1998 | 1 | 0 | 0.070 | NC | 0.070 | 05/14/98 | NC | NC | -- | -- | -- | -- | -- | -- |
| Orthophosphate, in milligrams per liter as P | 2013-2014 | 6 | 0 | 0.006 | 0.037 | 0.049 | 07/17/13 | 0.006 | 0.049 | -- | -- | -- | -- | 0.0040 | -- |
| Phosphorus, in milligrams per liter as P | 1998 | 1 | 0 | 0.065 | NC | 0.065 | 05/14/98 | NC | NC | -- | -- | -- | -- | -- | -- |
| Phosphorus (total), in milligrams per liter as P | 1998 | 1 | 0 | 0.203 | NC | 0.203 | 05/14/98 | NC | NC | -- | -- | -- | -- | -- | -- |
| Phosphorus (total), in milligrams per liter as P | 2013-2014 | 6 | 0 | 0.011 | 0.279 | 0.893 | 07/17/13 | 0.012 | 0.879 | -- | -- | -- | -- | 0.0040 | -- |
| Iron, in micrograms per liter | 1998 | 1 | 1 | 0 * | NC | 0 * | 05/14/98 | NC | NC | 300 | 0 | . | -- | -- | NC |
| Manganese, in micrograms per liter | 1998 | 1 | 0 | 16.8 | NC | 16.8 | 05/14/98 | NC | NC | 2,618 | 0 | 4,738 | 0 | -- | NC |
| Selenium, in micrograms per liter | 1995-2000 | 8 | 0 | 3.4 | 9.2 | 14.0 | 01/17/95 | 3.6 | 14.0 | 4.6 | 6 | 18.4 | 0 | -- | H |
| Selenium, in micrograms per liter | 2013-2014 | 6 | 0 | 4.6 | 5.4 | 12.2 | 03/06/14 | 4.7 | 12.1 | 4.6 | 6 | 18.4 | 0 | 0.050 | H |
| Organic carbon, in milligrams per liter | 1998 | 1 | 0 | 5.2 | NC | 5.2 | 05/14/98 | NC | NC | -- | -- | . | -- | -- | -- |
| Suspended sediment, in milligrams per liter | 1998 | 1 | 0 | 419 | NC | 419 | 05/14/98 | NC | NC | -- | -- | -- | -- | -- | -- |
| Suspended sediment, in milligrams per liter | 2013-2014 | 6 | 0 | 3 | 246 | 751 | 07/17/13 | 3 | 735 | -- | -- | -- | -- | 1.0 | -- |