Table 12. Summary of measured constituents and properties for White River below Taylor Draw Reservoir, above Rangely, Co., station 09306305

[--, 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; **, Geometric mean; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, *Escherichia coli,* 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 | 1995-2017 | 104 | 0 | 111 | 493 | 4,600 | 06/16/11 | 284 | 1,455 | -- | -- | . | -- | -- | -- |
| Instantaneous discharge, in cubic feet per second | 2018-2019 | 8 | 0 | 147 | 385 | 1,300 | 05/23/19 | 170 | 1,030 | -- | -- | . | -- | -- | -- |
| Dissolved oxygen, in milligrams per liter | 1995-2017 | 103 | 0 | 3.4 | 8.8 | 12.4 | 12/30/96 | 7.1 | 10.9 | 5.0 | 7 | -- | -- | -- | L |
| Dissolved oxygen, in milligrams per liter | 2018-2019 | 8 | 0 | 3.6 | 8.8 | 11.2 | 12/20/18 | 4.0 | 10.7 | 5.0 | 2 | -- | -- | -- | H |
| pH, in standard units | 1995-2017 | 104 | 0 | 7.6 | 8.3 | 8.7 | 04/11/05 | 8.1 | 8.5 | 6.5-9.0 | 0 | | -- | -- | L |
| pH, in standard units | 2018-2019 | 8 | 0 | 8.0 | 8.3 | 8.5 | 08/06/19 | 8.1 | 8.5 | 6.5-9.0 | 0 | | -- | -- | L |
| Specific conductance, laboratory, in microsiemens per centimeter | 1995-2001 | 17 | 0 | 332 | 598 | 809 | 03/25/96 | 340 | 740 | -- | -- | . | -- | -- | -- |
| Specific conductance, in microsiemens per centimeter | 1995-2017 | 104 | 0 | 292 | 624 | 966 | 09/10/02 | 381 | 718 | -- | -- | . | -- | -- | -- |
| Specific conductance, in microsiemens per centimeter | 2018-2019 | 8 | 0 | 405 | 642 | 718 | 03/26/19 | 433 | 712 | -- | -- | . | -- | -- | -- |
| Temperature, water, degrees Celsius | 1995-2017 | 104 | 0 | 0.0 | 13.1 | 24.8 | 07/30/98 | 1.7 | 21.2 | -- | -- | -- | -- | -- | -- |
| Temperature, water, degrees Celsius | 2018-2019 | 8 | 0 | 0.3 | 9.2 | 23.6 | 07/25/18 | 0.4 | 22.8 | -- | -- | -- | -- | -- | -- |
| Temperature, water, degrees Celsius March-November | 1995-2017 | 89 | 0 | 0.8 | 14.3 | 24.8 | 07/30/98 | 6.4 | 21.4 | 28.6 | 0 | -- | -- | -- | L |
| Temperature, water, degrees Celsius March-November | 2018-2019 | 7 | 0 | 0.5 | 9.7 | 23.6 | 07/25/18 | 1.0 | 23.2 | 28.6 | 0 | -- | -- | -- | L |
| Temperature, water, degrees Celsius December-February | 1996-2017 | 15 | 0 | 0.0 | 0.7 | 2.7 | 02/25/05 | 0.1 | 2.3 | 14.3 | 0 | -- | -- | -- | L |
| Temperature, water, degrees Celsius December-February | 2019 | 1 | 0 | 0.3 | NC | 0.3 | 12/20/18 | NC | NC | 14.3 | 0 | -- | -- | -- | NC |
| Biochemical oxygen demand, unfiltered, 5 days at 20 degrees Celsius, in milligrams per liter | 1995-2010 | 64 | 59 | 0 * | 0 * | 3.6 | 04/14/99 | 0 * | 0 * | -- | -- | . | -- | -- | -- |
| Residue, in milligrams per liter | 1995 | 5 | 0 | 208 | NC | 438 | 09/21/95 | NC | NC | -- | -- | . | -- | -- | -- |
| Dissolved solids, sum of constituents, in milligrams per liter | 1995-2002 | 7 | 0 | 201 | 428 | 600 | 07/31/02 | 203 | 583 | -- | -- | . | -- | -- | -- |
| Hardness, in milligrams per liter | 1995-2002 | 16 | 0 | 140 | 257 | 346 | 07/31/02 | 143 | 304 | -- | -- | . | -- | -- | -- |
| Turbidity, unfiltered, laboratory, in nephelometric turbidity units | 2002 | 1 | 0 | 3.88 | NC | 3.88 | 07/31/02 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Calcium, in milligrams per liter | 1995-2002 | 16 | 0 | 38.0 | 61.4 | 77.8 | 07/31/02 | 38.6 | 71.8 | -- | -- | . | -- | 0.012 | -- |
| Magnesium, in milligrams per liter | 1995-2002 | 17 | 0 | 11.0 | 23.6 | 36.9 | 07/31/02 | 11.4 | 30.3 | -- | -- | . | -- | 0.0080 | -- |
| Potassium, in milligrams per liter | 1995-2002 | 7 | 0 | 0.90 | 1.7 | 2.8 | 07/31/02 | 0.98 | 2.7 | -- | -- | . | -- | 0.11 | -- |
| Sodium, in milligrams per liter | 1995-2002 | 7 | 0 | 13.0 | 40.0 | 74.2 | 07/31/02 | 13.6 | 69.9 | -- | -- | . | -- | 0.090 | -- |
| Acid neutralizing capacity, unfiltered, in milligrams per liter | 1998 | 1 | 0 | 127 | NC | 127 | 06/09/98 | NC | NC | -- | -- | -- | -- | -- | -- |
| Acid neutralizing capacity, in milligrams per liter | 1995-1996 | 7 | 0 | 119 | 180 | 198 | 09/21/95 | 119 | 198 | -- | -- | . | -- | -- | -- |
| Alkalinity, fixed endpoint titration, in milligrams per liter as calcium carbonate | 2002 | 1 | 0 | 237 | NC | 237 | 07/31/02 | NC | NC | -- | -- | . | -- | 1.0 | -- |
| Alkalinity, inflection-point titration in milligrams per liter as calcium carbonate | 1998 | 1 | 0 | 128 | NC | 128 | 06/09/98 | NC | NC | -- | -- | . | -- | -- | -- |
| Bicarbonate, inflection-point titration in milligrams per liter | 1998 | 1 | 0 | 151 | NC | 151 | 06/09/98 | NC | NC | -- | -- | . | -- | -- | -- |
| Carbonate, in milligrams per liter | 1998 | 1 | 0 | 2.0 | NC | 2.0 | 06/09/98 | NC | NC | -- | -- | . | -- | -- | -- |
| Chloride, in milligrams per liter | 1995-2002 | 8 | 0 | 3.1 | 11.5 | 22.7 | 07/31/02 | 3.1 | 20.0 | 250 | 0 | . | -- | 0.33 | L |
| Fluoride, in milligrams per liter | 1995-1996 | 7 | 1 | 0 * | 0.20 | 0.30 | 03/25/96 | 0.020 | 0.30 | 2.0 | 0 | . | -- | -- | L |
| Silica, in milligrams per liter | 1995-2002 | 7 | 0 | 9.9 | 12.0 | 13.0 | 04/21/95 | 10.1 | 13.0 | -- | -- | . | -- | 0.13 | -- |
| Sulfate, in milligrams per liter | 1995-2002 | 8 | 0 | 50.0 | 150 | 234 | 07/31/02 | 52.1 | 226 | 250 | 0 | . | -- | 0.11 | M |

Table 12. Summary of measured constituents and properties for White River below Taylor Draw Reservoir, above Rangely, Co., station 09306305

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| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ammonia plus organic nitrogen, in milligrams per liter as N | 1995-2002 | 36 | 10 | 0 * | 0.182 | 0.457 | 07/31/02 | 0 * | 0.296 | -- | -- | -- | -- | 0.10 | -- |
| Ammonia plus organic nitrogen, unfiltered, in milligrams per liter as N | 1995-2017 | 101 | 5 | 0 * | 0.276 | 0.564 | 05/27/03 | 0.160 | 0.407 | -- | -- | -- | -- | 0.070 | -- |
| Ammonia plus organic nitrogen, unfiltered, in milligrams per liter as N | 2018-2019 | 8 | 0 | 0.100 | 0.252 | 0.406 | 07/25/18 | 0.119 | 0.392 | -- | -- | -- | -- | 0.070 | -- |
| Ammonia, in milligrams per liter as N | 1995-2017 | 104 | 31 | 0 * | 0.025 | 0.132 | 08/26/13 | 0 * | 0.050 | 1.44 | 0 | 3.53 | 0 | 0.010 | L |
| Ammonia, in milligrams per liter as N | 2018-2019 | 8 | 1 | 0 * | 0.018 | 0.087 | 07/25/18 | 0.004 | 0.077 | 1.30 | 0 | 3.16 | 0 | 0.010 | L |
| Nitrite plus nitrate, in milligrams per liter as N | 1995-2017 | 104 | 40 | 0 * | 0.031 | 0.462 | 05/20/98 | 0 * | 0.123 | -- | -- | 10.0 | 0 | 0.010 | -- |
| Nitrite plus nitrate, in milligrams per liter as N | 2018-2019 | 8 | 6 | 0 * | 0 * | 0.118 | 05/23/19 | 0 * | 0.097 | -- | -- | 10.0 | 0 | 0.010 | -- |
| Nitrite, in milligrams per liter as N | 1995-2017 | 104 | 56 | 0 * | 0 * | 0.018 | 06/09/98 | 0 * | 0.005 | -- | -- | 0.05 | 0 | 0.0010 | -- |
| Nitrite, in milligrams per liter as N | 2018-2019 | 8 | 4 | 0 * | 0.001 | 0.004 | 09/25/18 | 0 * | 0.004 | -- | -- | 0.05 | 0 | 0.0010 | -- |
| Orthophosphate, in milligrams per liter as P | 1995-2017 | 103 | 53 | 0 * | 0 * | 0.020 | 09/21/95 | 0 * | 0.012 | -- | -- | -- | -- | 0.0040 | -- |
| Orthophosphate, in milligrams per liter as P | 2018-2019 | 8 | 4 | 0 * | 0.002 | 0.025 | 03/26/19 | 0 * | 0.018 | -- | -- | -- | -- | 0.0040 | -- |
| Phosphorus, in milligrams per liter as P | 1995-2002 | 36 | 21 | 0 * | 0 * | 0.022 | 06/05/01 | 0 * | 0.010 | -- | -- | -- | -- | 0.060 | -- |
| Phosphorus, unfiltered, in milligrams per liter as P | 1995-2017 | 104 | 8 | 0 * | 0.028 | 0.114 | 06/16/11 | 0.010 | 0.054 | -- | -- | -- | -- | 0.0040 | -- |
| Phosphorus, unfiltered, in milligrams per liter as P | 2018-2019 | 8 | 0 | 0.009 | 0.025 | 0.074 | 05/23/19 | 0.010 | 0.065 | -- | -- | -- | -- | 0.0040 | -- |
| Total nitrogen, unfiltered, in milligrams per liter | 2004 | 1 | 0 | 0.176 | NC | 0.176 | 10/21/03 | NC | NC | -- | -- | -- | -- | 0.030 | -- |
| *Escherichia coli,* in colonies per 100 milliliters | 2004-2017 | 56 | 10 | 1 | 3 | 110 | 05/29/14 | -- | 5 ** | 126 | 0 | -- | -- | 1 | L |
| *Escherichia coli,* in colonies per 100 milliliters | 2018-2019 | 7 | 5 | 1 | 1 | 180 | 05/23/19 | -- | 2 ** | 126 | 1 | -- | -- | 1 | L |
| *Escherichia coli,* m-TEC, MF, in colonies per 100 milliliters | 2001-2004 | 16 | 1 | 1 | 12 | 87 | 05/27/03 | -- | 9 ** | 126 | 0 | -- | -- | 1 | L |
| Fecal coliform, M-FC MF, in colonies per 100 milliliters | 1995-2000 | 30 | 3 | 0 * | 21 | 390 | 06/20/95 | 3 | 83 | -- | -- | -- | -- | -- | -- |
| Aluminum, in micrograms per liter | 1995-2001 | 17 | 14 | 0 * | 0 * | 30.0 | 06/20/95 | 0 * | 10.6 | 1,438 | 0 | 10,071 | 0 | -- | L |
| Aluminum, unfiltered, in micrograms per liter | 1995-2001 | 15 | 0 | 70.0 | 220 | 1,400 | 06/20/95 | 91.9 | 648 | 1,438 | 0 | 10,071 | 0 | -- | L |
| Barium, unfiltered, in micrograms per liter | 1995-2001 | 17 | 11 | 0 * | 0 * | 66.4 | 08/21/01 | 0 * | 51.0 | -- | -- | . | -- | -- | -- |
| Beryllium, unfiltered, in micrograms per liter | 1995-2001 | 17 | 17 | 0 * | 0 * | 0 * | 04/21/95 | 0 * | 0 * | -- | -- | -- | -- | -- | -- |
| Cadmium, unfiltered, in micrograms per liter | 1995-2001 | 17 | 16 | 0 * | 0 * | 0.051 | 06/05/01 | 0 * | 0 * | -- | -- | . | -- | -- | -- |
| Chromium, unfiltered, in micrograms per liter | 1995-2001 | 17 | 8 | 0 * | 0.56 | 2.4 | 09/03/99 | 0 * | 1.9 | -- | -- | . | -- | -- | -- |
| Cobalt, unfiltered, in micrograms per liter | 1995-2001 | 17 | 16 | 0 * | 0 * | 1.0 | 06/20/95 | 0 * | 0 * | -- | -- | . | -- | -- | -- |
| Copper, in micrograms per liter | 1998 | 1 | 1 | 0 * | NC | 0 * | 06/09/98 | NC | NC | 18.3 | 0 | 29.5 | 0 | -- | NC |
| Copper, unfiltered, in micrograms per liter | 1995-2001 | 17 | 2 | 0 * | 1.5 | 8.8 | 06/09/98 | 0.70 | 5.2 | -- | -- | . | -- | -- | -- |
| Iron, in micrograms per liter | 1995-2002 | 5 | 2 | 0 * | NC | 49.0 | 06/20/95 | NC | NC | 300 | 0 | . | -- | 10.0 | NC |
| Iron, unfiltered, in micrograms per liter | 1995-2001 | 17 | 0 | 96.7 | 274 | 1,800 | 06/20/95 | 150 | 697 | 1,000 | 1 | . | -- | -- | L |
| Lead, unfiltered, in micrograms per liter | 1995-2001 | 17 | 13 | 0 * | 0 * | 2.0 | 06/20/95 | 0 * | 1.0 | -- | -- | 50.0 | 0 | -- | -- |
| Lithium, unfiltered, in micrograms per liter | 1995-2001 | 17 | 5 | 0 * | 10.0 | 30.0 | 06/20/95 | 0 * | 12.8 | -- | -- | -- | -- | -- | -- |
| Manganese, in micrograms per liter | 1995 | 4 | 1 | 0 * | NC | 8.0 | 06/20/95 | NC | NC | 50.0 | 0 | 3,944 | 0 | -- | NC |
| Manganese, unfiltered, in micrograms per liter | 1995-2001 | 17 | 0 | 14.0 | 29.7 | 60.0 | 06/20/95 | 19.3 | 53.0 | -- | -- | . | -- | -- | -- |
| Molybdenum, unfiltered, in micrograms per liter | 1995-2001 | 17 | 2 | 0 * | 1.90 | 3.50 | 08/13/98 | 0.560 | 2.55 | 150 | 0 | -- | -- | -- | L |
| Nickel, unfiltered, in micrograms per liter | 1995-2001 | 17 | 6 | 0 * | 1.2 | 20.0 | 07/20/95 | 0 * | 2.2 | 100 | 0 | . | -- | -- | L |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strontium, unfiltered, in micrograms per liter | 1995-2001 | 17 | 0 | 287 | 690 | 867 | 09/03/99 | 317 | 840 | -- | -- | -- | -- | -- | -- |
| Zinc, unfiltered, in micrograms per liter | 1995-2001 | 17 | 17 | 0 * | 0 * | 0 * | 04/21/95 | 0 * | 0 * | -- | -- | . | -- | -- | -- |
| Arsenic, unfiltered in micrograms per liter | 1995-2001 | 17 | 7 | 0 * | 1.0 | 2.0 | 08/21/01 | 0 * | 2.0 | 0.020 | 10 | . | -- | -- | H |
| Boron, in micrograms per liter | 1995-2001 | 16 | 0 | 14.8 | 46.1 | 70.0 | 03/25/96 | 20.8 | 60.9 | 750 | 0 | . | -- | -- | L |
| Selenium, in micrograms per liter | 1995-2001 | 17 | 12 | 0 * | 0 * | 2.0 | 09/03/99 | 0 * | 1.5 | 4.6 | 0 | 18.4 | 0 | -- | L |
| Suspended sediment, sieve diameter, percent smaller than 0.0625 millimeters | 1996 | 2 | 0 | 97.6 | NC | 98.6 | 05/31/96 | NC | NC | -- | -- | -- | -- | -- | -- |
| Suspended sediment, in milligrams per liter | 1995-2002 | 28 | 0 | 7 | 27 | 418 | 08/28/96 | 10 | 67 | -- | -- | -- | -- | -- | -- |