Table 5. Summary of measured constituents and properties for Spring Creek near Almont, station 09109850

[--, 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 | 2011-2012 | 11 | 0 | 2.2 | 10.0 | 187 | 06/22/11 | 2.3 | 71.6 | -- | -- | . | -- | -- | -- |
| Instantaneous discharge, in cubic feet per second | 2013-2014 | 7 | 0 | 3.2 | 16.6 | 32.1 | 06/11/13 | 3.2 | 31.4 | -- | -- | . | -- | -- | -- |
| Dissolved oxygen, in milligrams per liter | 2011-2012 | 12 | 0 | 7.8 | 9.7 | 11.0 | 01/12/12 | 7.8 | 11.0 | 6.0 | 0 | -- | -- | -- | L |
| Dissolved oxygen, in milligrams per liter | 2013-2014 | 7 | 0 | 7.8 | 10.2 | 10.9 | 11/27/12 | 8.1 | 10.9 | 6.0 | 0 | -- | -- | -- | L |
| pH, in standard units | 2011-2012 | 12 | 0 | 8.5 | 8.5 | 8.7 | 08/02/12 | 8.5 | 8.6 | 6.5-9.0 | 0 | | -- | -- | L |
| pH, in standard units | 2013-2014 | 7 | 0 | 8.5 | 8.5 | 8.6 | 10/22/13 | 8.5 | 8.6 | 6.5-9.0 | 0 | | -- | -- | L |
| Specific conductance, in microsiemens per centimeter | 2011-2012 | 12 | 0 | 205 | 255 | 271 | 12/09/10 | 237 | 270 | -- | -- | . | -- | -- | -- |
| Specific conductance, in microsiemens per centimeter | 2013-2014 | 7 | 0 | 222 | 267 | 282 | 02/12/13 | 223 | 281 | -- | -- | . | -- | -- | -- |
| Temperature, water, degrees Celsius | 2011-2012 | 12 | 0 | 0.0 | 6.5 | 16.8 | 08/02/12 | 0.0 | 13.5 | -- | -- | -- | -- | -- | -- |
| Temperature, water, degrees Celsius | 2013-2014 | 7 | 0 | -0.1 | 3.3 | 16.3 | 08/21/13 | -0.1 | 15.2 | -- | -- | -- | -- | -- | -- |
| Temperature, water, degrees Celsius June-September | 2011-2012 | 5 | 0 | 5.9 | NC | 16.8 | 08/02/12 | NC | NC | 17.0 | 0 | -- | -- | -- | NC |
| Temperature, water, degrees Celsius June-September | 2013 | 2 | 0 | 10.6 | NC | 16.3 | 08/21/13 | NC | NC | 17.0 | 0 | -- | -- | -- | NC |
| Temperature, water, degrees Celsius October-May | 2011-2012 | 7 | 0 | 0.0 | 1.1 | 9.9 | 05/08/12 | 0.0 | 9.3 | 9.0 | 1 | -- | -- | -- | H |
| Temperature, water, degrees Celsius October-May | 2013-2014 | 5 | 0 | -0.1 | NC | 3.3 | 10/22/13 | NC | NC | 9.0 | 0 | -- | -- | -- | NC |
| Ammonia plus organic nitrogen in milligrams per liter as N | 2011-2012 | 12 | 3 | 0 * | 0.083 | 0.143 | 06/22/11 | 0 * | 0.125 | -- | -- | -- | -- | 0.070 | -- |
| Ammonia plus organic nitrogen in milligrams per liter as N | 2013-2014 | 7 | 6 | 0 * | 0 * | 0.155 | 06/11/13 | 0 * | 0.124 | -- | -- | -- | -- | 0.070 | -- |
| Ammonia, in milligrams per liter as N | 2011-2012 | 12 | 11 | 0 * | 0 * | 0.010 | 03/06/12 | 0 * | 0.0005 | 0.99 | 0 | 1.95 | 0 | 0.010 | L |
| Ammonia, in milligrams per liter as N | 2013-2014 | 7 | 7 | 0 * | 0 * | 0 * | 11/27/12 | 0 * | 0 * | 1.02 | 0 | 2.02 | 0 | 0.010 | L |
| Nitrite plus nitrate in milligrams per liter as N | 2011-2012 | 12 | 1 | 0 * | 0.036 | 0.094 | 12/09/10 | 0.013 | 0.090 | 10.0 | 0 | -- | -- | 0.010 | L |
| Nitrite plus nitrate in milligrams per liter as N | 2013-2014 | 7 | 0 | 0.010 | 0.059 | 0.076 | 11/27/12 | 0.015 | 0.075 | 10.0 | 0 | -- | -- | 0.010 | L |
| Nitrite, in milligrams per liter as N | 2011-2012 | 12 | 11 | 0 * | 0 * | 0.001 | 03/06/12 | 0 * | 0.0001 | 0.05 | 0 | -- | -- | 0.0010 | L |
| Nitrite, in milligrams per liter as N | 2013-2014 | 7 | 6 | 0 * | 0 * | 0.001 | 02/12/13 | 0 * | 0.0009 | 0.05 | 0 | -- | -- | 0.0010 | L |
| Orthophosphate, in milligrams per liter as P | 2011-2012 | 12 | 7 | 0 * | 0 * | 0.007 | 04/28/11 | 0 * | 0.007 | -- | -- | -- | -- | 0.0040 | -- |
| Orthophosphate, in milligrams per liter as P | 2013-2014 | 7 | 7 | 0 * | 0 * | 0 * | 11/27/12 | 0 * | 0 * | -- | -- | -- | -- | 0.0040 | -- |
| Phosphorus (total), in milligrams per liter as P | 2011-2012 | 12 | 2 | 0 * | 0.008 | 0.019 | 08/02/12 | 0 * | 0.016 | -- | -- | -- | -- | 0.0040 | -- |
| Phosphorus (total), in milligrams per liter as P | 2013-2014 | 7 | 1 | 0 * | 0.005 | 0.013 | 06/11/13 | 0.0009 | 0.011 | -- | -- | -- | -- | 0.0040 | -- |
| *Escherichia coli,* in colonies per 100 milliliters | 2011-2012 | 12 | 3 | 1 | 1 | 20 | 08/02/12 | -- | 2 ** | 126 | 0 | -- | -- | 1 | L |
| *Escherichia coli,* in colonies per 100 milliliters | 2013-2014 | 7 | 6 | 1 | 1 | 1 | 11/27/12 | -- | 1 ** | 126 | 0 | -- | -- | 1 | L |
| Biomass periphyton, ashfree drymass, in grams per square meter | 2012 | 2 | 1 | 0 * | NC | 8.50 | 10/12/11 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Biomass periphyton, ashfree drymass, in grams per square meter | 2013 | 1 | 0 | 5.80 | NC | 5.80 | 08/21/13 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Periphyton, biomass, ash weight, in grams per square meter | 2012 | 2 | 0 | 178 | NC | 285 | 10/12/11 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Periphyton, biomass, ash weight, in grams per square meter | 2013 | 1 | 0 | 206 | NC | 206 | 08/21/13 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Periphyton, biomass, dry weight, in grams per square meter | 2012 | 2 | 0 | 182 | NC | 293 | 10/12/11 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Periphyton, biomass, dry weight, in grams per square meter | 2013 | 1 | 0 | 212 | NC | 212 | 08/21/13 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Chlorphyll a, periphyton, chromofluoro, in milligrams per square meter | 2012 | 2 | 0 | 5.32 | NC | 7.85 | 10/12/11 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Chlorphyll a, periphyton, chromofluoro, in milligrams per square meter | 2013 | 1 | 0 | 5.26 | NC | 5.26 | 08/21/13 | NC | NC | -- | -- | -- | -- | 0.10 | -- |

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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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pheophytin a, periphyton, in milligrams per square meter | 2012 | 2 | 0 | 2.80 | NC | 3.69 | 10/12/11 | NC | NC | -- | -- | -- | -- | 0.10 | -- |
| Pheophytin a, periphyton, in milligrams per square meter | 2013 | 1 | 0 | 2.67 | NC | 2.67 | 08/21/13 | NC | NC | -- | -- | -- | -- | 0.10 | -- |