

Watershed Analysis

2005 Data

Riven Rock	Sandy Bottom
Dissolved Oxygen: 4.5, 8, 6, 6, 8, 8 Average = 6.75	Dissolved Oxygen: 4, 8, 4, 2, 4, 8, 2, Average = 4.57
Water Temperature: Celsius 20, 17, 18, 15, 20, 20 Average = 19 C	Water Temperature: Celsius 20, 20, 20, 20, 20 Average = 20 C
Ph: 7, 8, 6, 8, 8, 7 = 7.3	Ph: 7, 8, 7, 8, 6, 8, 8 Average = 7.43
Clarity Clear	Clarity 83, 83, 83, 25, 25 Average = 59.8
Nitrates = 0.5	Nitrates 1.5, 0, 1.5, 2, 2.5, 0 Average = 1.67
Phosphates 0, 0, 0, 0, 2, 4 = 1	Phosphates 1, 1, 1, 3, 2, 0, 5 Average = 1.86
Flow Rate ft/sec 1.7, 1.7, 1.7, 1.7, 1.4, 1.7 = 1.65	Flow Rate ft/sec 1.25, 1.7, 2.0, 2.5, 2.5, 2.0 = 1.99
Macroinvertebrate 3.5, 2.1, 2.7, 6.1, 3.2, 4.5 = 3.68	Macroinvertebrate 4.1, 4.7, 4, 3.6, 4.6, 3.4 Average = 4.07
Soil Loamy Sand, American Sycamore, Eastern Hemlock, Yellow Poplar	Soil Loamy Sand, American Sycamore, Box Elder, Tree of Heaven