Monitoring Water Quality in Your Watershed

Date _____ _____ _____ **Time** _____: _____ **(am/pm)**
MM DD YY

Site Name _____ **Collector's Name(s)** _____

Watershed Name _____ _____

Sample Type	☐ Irrigation Runoff		☐ Surface Water (stream/creek/pond)		
Current Weather	☐ Clear/Sunny	☐ Overcast	☐ Showers	☐ Rain (steady)	☐ Storm (heavy)
Weather Past 48 hrs	☐ Clear/Sunny	☐ Overcast	☐ Showers	☐ Rain (steady)	☐ Storm (heavy)
Flow Conditions	☐ Dry	☐ Stagnant	☐ Slow	☐ Moderate	☐ High

Water Appearance _____

Water Odor _____

(ppm = mg/L)	Excellent	Good	Fair	Poor
Conductivity (µS/cm)	☐ 0 - <500	☐ >500 - <1500	☐ >1500 - <2500	☐ >2500
Dissolved Oxygen (% Saturation) DO concentration _____ ppm Water temperature _____ °C	☐ 110 - 91 %	☐ 90 - 71 %	☐ 70 - 51 %	☐ < 50 %
Nitrate (NO_{3-})	☐ 0 ppm	☐ > 0 - < 5 ppm	☐ 5 ppm	☐ > 5 ppm
pH	☐ 7	☐ 6 or 8	☐ 5 or 9	☐ < 4 or > 10
Phosphate (PO_4^{3-})	☐ 0 ppm	☐ > 0 - 2 ppm	☐ > 2 - 4 ppm	☐ > 4 ppm
Temperature Change Downstream Site _____ °C *minus* Upstream Site _____ °C	☐ 0 - 2 °C	☐ 3 - 5 °C	☐ 6 - 10 °C	☐ > 10 °C
Turbidity	☐ 0 - 10 NTU (JTU)	☐ > 10 - 40 NTU(JTU)	☐ > 40 - 100 NTU(JTU)	☐ > 100 NTU (JTU)
Add # of Checks in Each Column				
Multiply each column total by the appropriate weighting factor or →	# Excellent x 4	# Good x 3	# Fair x 2	# Poor x 1

Add Column Total _____ ÷ **# of Tests Perfomed** _____

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Overall Water Quality _____

Excellent	**4**
Good	**3**
Fair	**2**
Poor	**1**

*Concept adapted from Earth Force "Global Rivers Environmental Education Network" (GREEN) program www.earthforce.org