


Friends of the Chicago River

ADOPT A RIVER SCHOOL
WATER CHEMISTRY DATA SHEET

School Name: _____

Site Location: _____

Date: _____ Time: _____

Test	Expected Range	Equipment	Test Value	Q Value	Weighting Factor	Total
pH	6 - 8.5				0.11	
Phosphate (ppm or mg/l)	0.1 - 2.5 ppm				0.1	
Nitrate (ppm or mg/l)	0.2 - 8.0 ppm				0.1	
Dissolved Oxygen (conc. ppm or mg/l) (percent sat. %)	1 - 12 ppm		Concentration: % Saturation:		0.17	
Bio-Oxygen Demand (ppm or mg/l)	0.05 - 19 ppm				0.11	
Temperature (°C)	$\Delta < 3 \text{ }^\circ\text{C}$		Site 1: Site 2: Δ :		0.1	
Turbidity (cm)	2 - 140 cm				0.08	
Total Solids (mg/l)	200 - 2800 mg/l				0.07	
Fecal Coliform (E.coli colonies/100 ml)	50 - 100,000 colonies/100ml				0.16	

Overall Water Quality Score