Flint River GREEN (Year: _____)
Water Quality Index Data Sheet

Teachers, enter your data at **flintrivergreen.org** using your unique identifier or email to: **amitchell@flintriver.org**

Teacher: _____ School: _____ Date: _____ Time: _____

Site Name & Location: _____

Description of Weather & Other Comments: _____

_____

Air Temperature: _____°C Water Temperature at Site (T_1): _____°C Approx. 1 Mile Upstream (T_2): _____°C

WQI Data Summary Form

Test Name	Field Data	Units	Q-Value*	Weighing Factor	**Total Value**
Dissolved Oxygen (DO_1)		mg/L			
		%Sat		0.17	
Fecal Coliform		Colonies /100mL		0.16	
pH		-		0.11	
BOD (DO_2 = DO 5 days after testing)	(DO_1)	mg/L			
	(DO_2)	mg/L			
	$BOD=DO_1 - DO_2$	mg/L		0.11	
Temperature Δ	($T_1 - T_2$)	°C		0.10	
Ortho-Phosphate (Field Data)		ppm (PO_4)			
Total Phosphate (GM)		mg/L (PO^{3-}_4)		0.10	
Nitrates		mg/L (NO_3-N)			
	x 4.4 =	mg/L (NO_3)		0.10	
Turbidity		JTU's		0.08	
Total Solids		mg/L		0.07	
**Q-Value can be obtained by viewing the charts provided in the GREEN Testing Guide. The Q-Values, Total Values and Total WQI Value can also be derived by entering your field data on the WQI Test Sheet tab at www.FlintRiverGREEN.org.*			***Total WQI Value:***		

Lab Results
(Returned 1-2 weeks after testing)

GM Total Phosphate: _____mg/L

Total Solids: _____mg/L

Total Value =
(Q-Value) x (Weighing Factor)

Total WQI Value =
Sum of all Total Values

Total WQI Ratings

100-90 - Excellent

89-70 - Good

69-50 - Average

49-25 - Marginal

24-0 - Poor