Water Quality Index

You may perform as many of the following tests as you wish; however, at least 6 must be completed to obtain a Total Water Quality Index value. Divide the total of the Calculation column by the total of the Weighting Factor column to obtain the Water Quality Index rating.

Site Information:
School/organization name _____

River/stream name _____ Date _____

Time _____ Water Temp _____°C Air Temp _____ °C

Today's weather: sunny partly cloudy overcast light rain heavy rain

Yesterday's weather: sunny partly cloudy overcast light rain heavy rain

Test Results	Q-Value		Weighting Factor		Calculation
Dissolved Oxygen _____ % Saturation		X	.18	=	
E. Coli _____ colonies/ 100mL		X	.17	=	
pH _____ units		X	.12	=	
B.O.D. 5 _____ mg/L		X	.12	=	
H_2O Temperature Change _____ °C		X	.11	=	
Total Phosphate _____ mg/L		X	.11	=	
Nitrate (NO_3) _____ mg/L		X	.10	=	
Turbidity _____ NTUs		X	.09	=	

Totals _____

_____

Excellent	90-100%	Bad	25-50%
Good	70-90%	Very Bad	0-25%
Medium	50-70%		

Water Quality Index Rating

_____