

WATER QUALITY INDEX (2018)

Q-value X Weight
Factor = Total

Test	Test Results		Q-Value		Weighting Factor	Total	
Dissolved Oxygen (% saturation)	104	101			0.17		
	107	95					
pH	8.5	8.4			0.11		
	8	8.8					
Temperature Change (°C)	3.5	3.8			0.1		
	1.3	0.99					
Fecal Coliform colonies/100mL	1000	1x10 ⁵			0.16		
	100	1x10 ⁶					
BOD (mg/L)	2.1	1.6			0.11		
	1.7	7.2					
Nitrate (mg/L)	0	0.07			0.1		
	0.08	0.03					
Phosphate (mg/L)	0.19	0.32			0.1		
	0.39	0.05					
Total Dissolved Solids (mg/L)	678	674			0.07		
	569	266					
Total Suspended Solids (feet, or NTU's)	>3ft	>3ft			0.08		
	>3ft	10 in					
WQI*							

Key	North	West
	Confluence	Barker Lake

*Add totals for each site to get WQI.