In 1995 the Commission monitored Fish and Weaver Lakes. Both lakes are listed as critical lakes in the Commission's Management Plan. The Commission has been monitoring these lakes since 1980. Total phosphorus, the limiting nutrient that causes algal blooms and excessive weed growth, was on the rise up until 1992. Since that time, phosphorus concentrations have dropped slightly and appear to have stabilized. Weaver Lake had an average transparency of 7.8 feet in 1995. Fish Lake had an average transparency of 6.4 feet. Both lakes have highly developed watersheds. They receive extensive recreational use and are important resources for the watershed. A list of parameters and concentrations is attached as Appendix 2. In addition to the parameters listed, dissolved oxygen and temperature profiles were measured for each sampling date.

Fish Lake	SDT feet	TP ug/L	CHL ug/l	NO2 + NO3-N mg/l	NH3-N mg/l	TKN mg/1	TN mg/l	Lab pH	COND umho/cm2	ALK. CaCO3	CL mg/l
May-16	4.0	74	28.8	<.03	0.24	1.40	1.63	8.44	371	135	19
Jun-13	11.5	61	4.5	<.03	0.52	0.59	1.11	7.80	379	134	
Jul-18	8.0	26	11.3	<.03	0.77	0.78	1.55	8.61	286	134	
Aug-14	4.7	37	20.8	<.03	0.19	0.99	1.18	7.92	258	115	
Sep-12	3.9	56	20.4	<.03	0.38	1.88	2.26	7.92	258	125	
Mean	6.4	51	17.2	<.03	0.42	1.13	1.55	8.14	310	129	19
Median	4.7	56	20.4		0.38	0.99	1.55	7.92	286	134	
Std. Deviation	3.3	19	9.4		0.24	0.52	0.46	0.36	60	9	
TSI	50.4	60.8	58.5								
Mean TSI	56.6										