

Harris Lake & South Magnetawan River Water Sample Results

Sample Year	Phosphorus Level (ug/litre)		Clarity m (ft)	
	Harris Lake	South Mag.	Harris Lake	South Mag.
1998	8	9	4.4 (14)	6.0 (19)
1999	10	4	4.1 (13)	5.2 (17)
2000	10	12	3.2 (10.5)	4.7 (15.5)
2001	10	-	3.3 (11)	4.1 (13.5)
2002	9.3	9.2	3.4 (11.1)	4.4 (14.4)
2003	8.7	9.1	3.5 (11.5)	9.1 (4.5)
2004	8.5	13	3.5 (11.5)	4.4 (14.4)
2005	8.0	8.3	3.3 (11)	4.4 (14.4)
2006	8.95	8.3	3.3 (11)	4.4 (14.4)
2007	12.2	12.5	3.0 (10.0)	3.0 (10.0)
2008	9.3	-	2.7 (8.8)	-
2009	9.4	-	3.1 (10.5)	-

A high total phosphorous reading (i.e. <20-25) coupled with a low clarity reading indicates high algae content which is bad for fish as algae depletes oxygen needed for fish. On the other hand, too high a clarity reading tends to indicate low nutrients, and an acidic condition detrimental to fish habitat.