



Area Description:

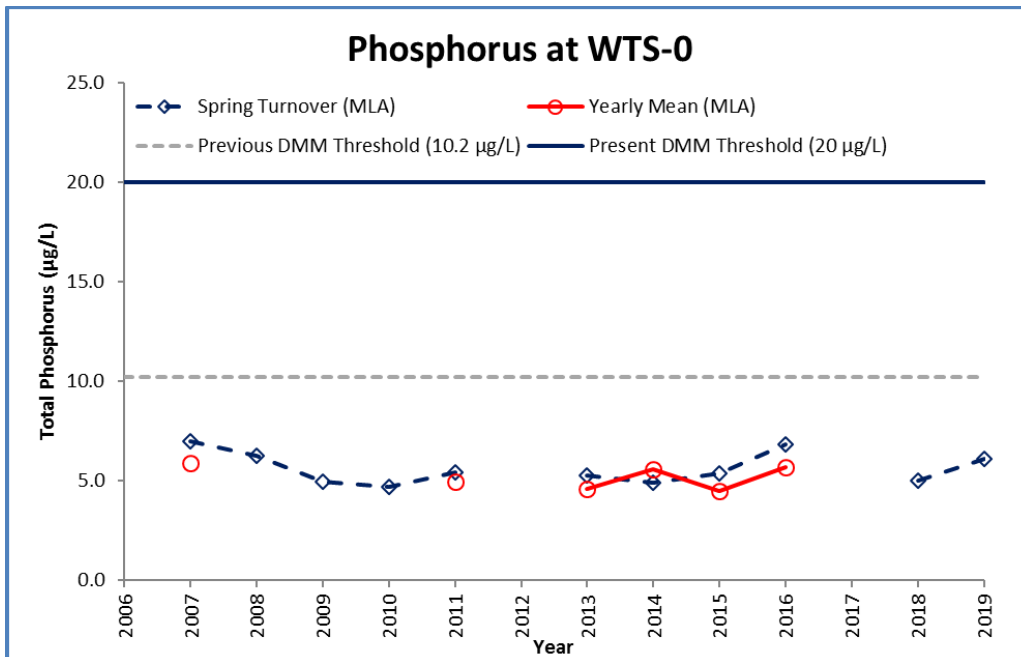
Whiteside Bay is in the northwestern portion of Lake Muskoka and receives a high amount of spring flow from the northwest. It is moderately developed with cottage/residential properties and has roadways that come near the shoreline in several areas. Inflow into the lake comes from two creeks, one of which originates in an extensive wetland complex to the north. Monitoring started in 2007. All stations shown may not be sampled each year.

Volunteer Recognition: Kim Seon, Eleanor Lewis, and Jim Lewis.

Whiteside Bay (WTS)

2019 Water Quality Results: (Note: Hatched cell signifies not tested for in 2019)

Station	Mean Secchi Disk (m)	Total Phosphorus (µg/L)		E. coli Yearly Geometric Mean (cfu/100 ml)	Total Coliform Yearly Geometric Mean (cfu/100 ml)
		Spring Turnover	Yearly Mean		
WTS-0	3.2	6.1			



Summary and Recommendations:



All spring phosphorus concentrations at WTS-0 are below the historic DMM threshold of 10.2 µg/L, and all phosphorus values remain well below the present DMM threshold (20 µg/L). The spring phosphorus levels at WTS-0 are consistent through the sampling years, except for 2017. This sample was determined to be an outlier during the 2017 Grubb's test analysis and continues to be removed in the 2019 analysis. Secchi measurements vary through sampling years, ranging between 2.75 and 4.25 m (2010). **Beacon recommends that sampling continue to monitor long-term trends.**