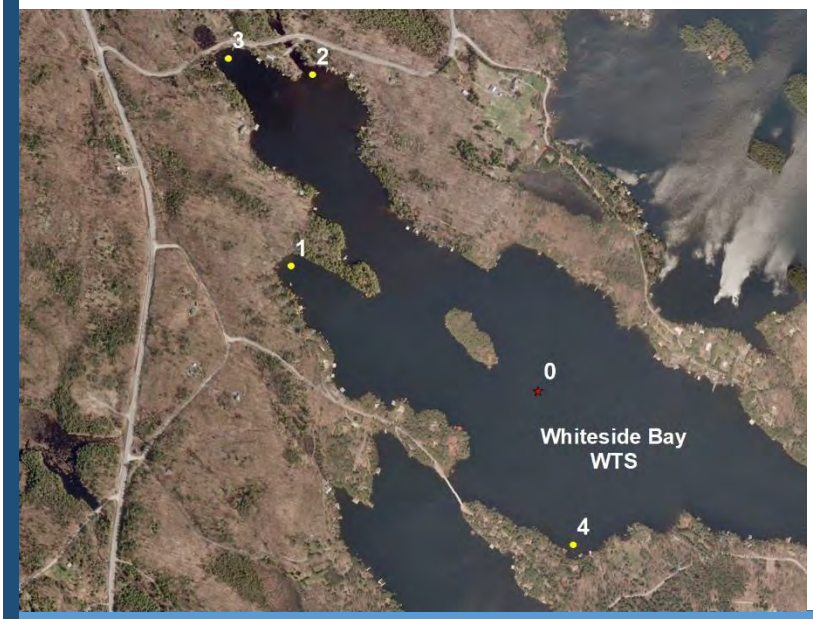


Area Description:

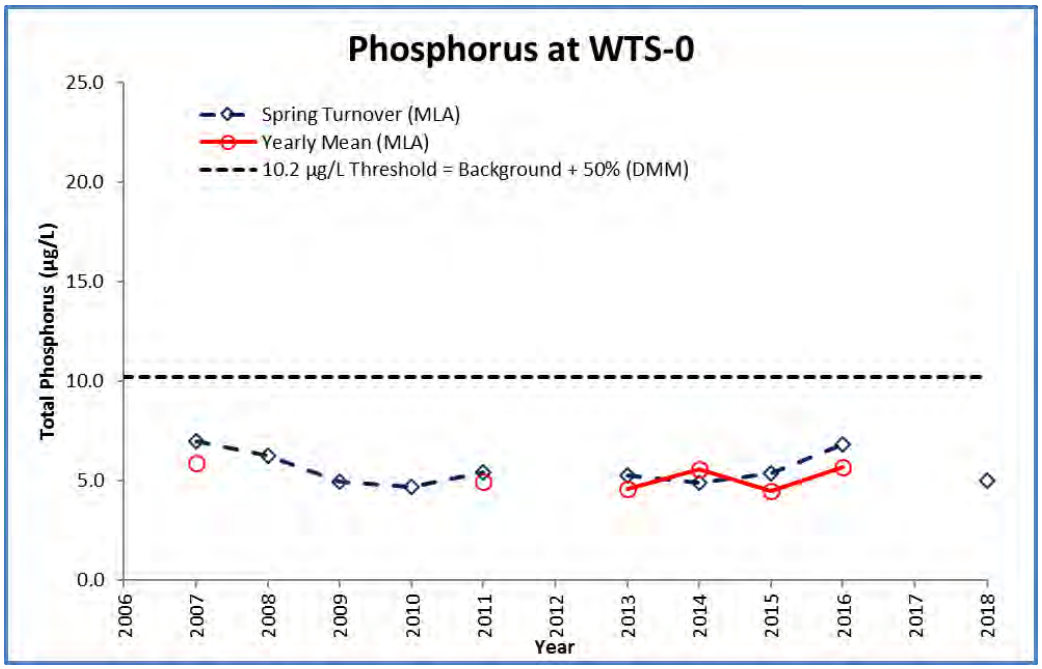
Whiteside Bay is located in the northwestern portion of Lake Muskoka and receives a high amount of spring flow from the northwest. It is moderately developed with cottage/residential properties and has roadways that come in close proximity to the shoreline in several areas. Inflow into the lake comes 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 Jake Seon

Whiteside Bay (WTS)

2018 Water Quality Results: (**Note**: Hatched cell signifies not tested for in 2018)

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	3.3	5.0			



Summary and Recommendations:

The spring turnover phosphorus levels at the deep station (WTS-0) are consistent through the sampling years, except for the results from 2017. This sample was determined to be an outlier during the Grubb's test analysis and was removed from the dataset. Only one spring phosphorus sample was collected in 2018, therefore no yearly mean could be calculated, and no value is reported for 2018. Secchi measurements vary through sampling years, ranging between 2.75 and 4.25. **Beacon recommends that sampling continue to monitor long-term trends.**