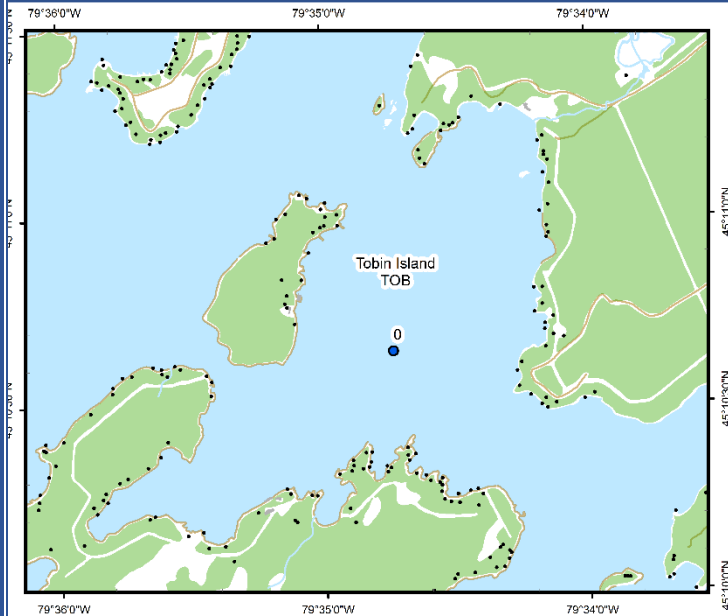


Tobin Island (TOB)

Area Description:

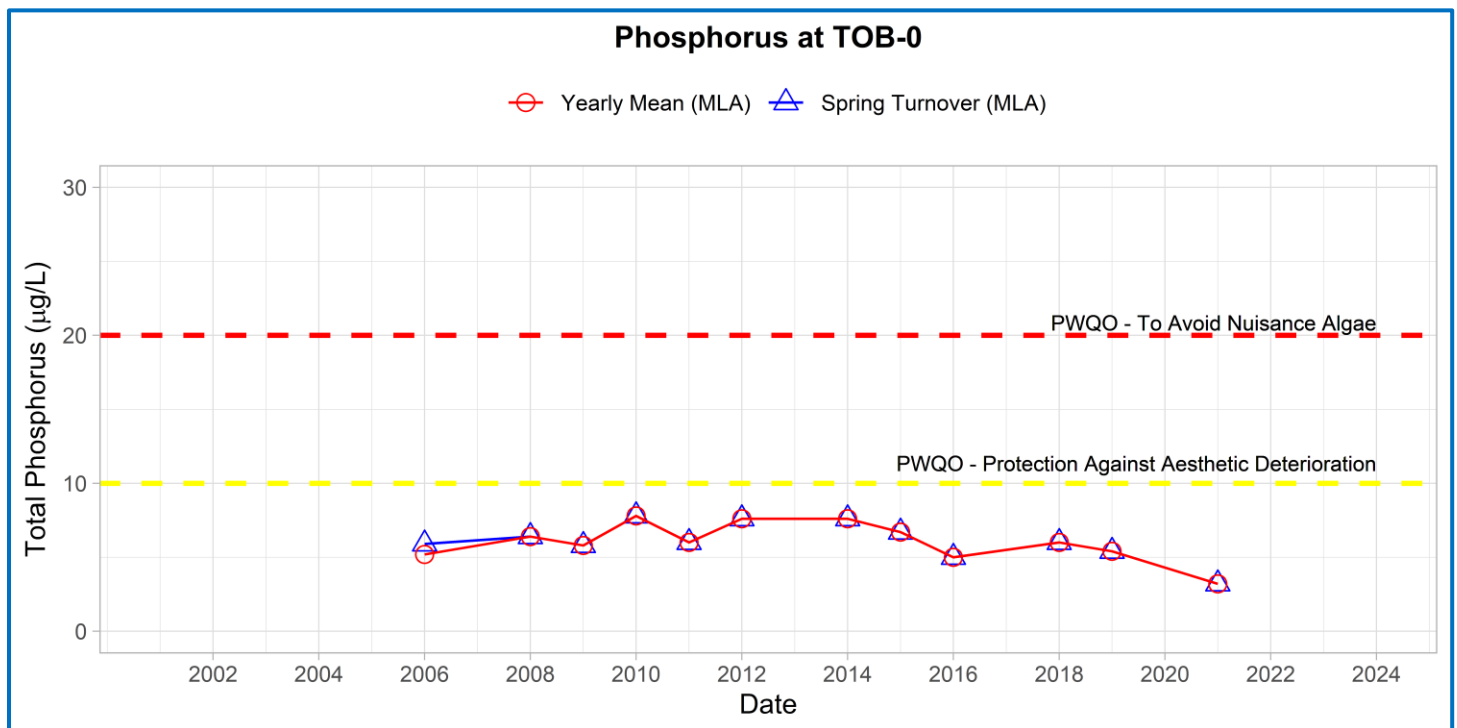
Tobin Island is a moderately developed, open bay in the central part of Lake Rosseau. Development includes cottage/residential properties along the shoreline, however the majority of the inland forest area remains in a natural state. Two creeks from wetland areas flow into the lake within the sampling area. MLA monitoring of Tobin Island began in 2006.

Volunteer Recognition: Mark Tiffin, Katherine Seybold.



2021 Water Quality Results:

	Mean Secchi Disk (m)	Total Phosphorus ($\mu\text{g/L}$)		E. coli Yearly Geometric Mean (cfu/100mL)	Total Coliforms Yearly Geometric Mean (cfu/100 mL)
		Spring Turnover	Yearly Mean		
TOB-0	4.0	3.2			



Note: Grubbs test indicates no data collected in are considered outliers.



In 2021, the spring phosphorus concentration at the deep-water station (TOB-0) was below Provincial Water Quality Monitoring Objectives for Protection Against Aesthetic Deterioration (10 µg/L) and Nuisance Algal Growth (20 µg/L). Average annual Secchi disk depth (4.0 m) was consistent with previous monitoring (3.0 – 4.3 m). **HESL recommends ongoing sampling to continue to monitor for long-term trends and emerging issues.**