



### Area Description:

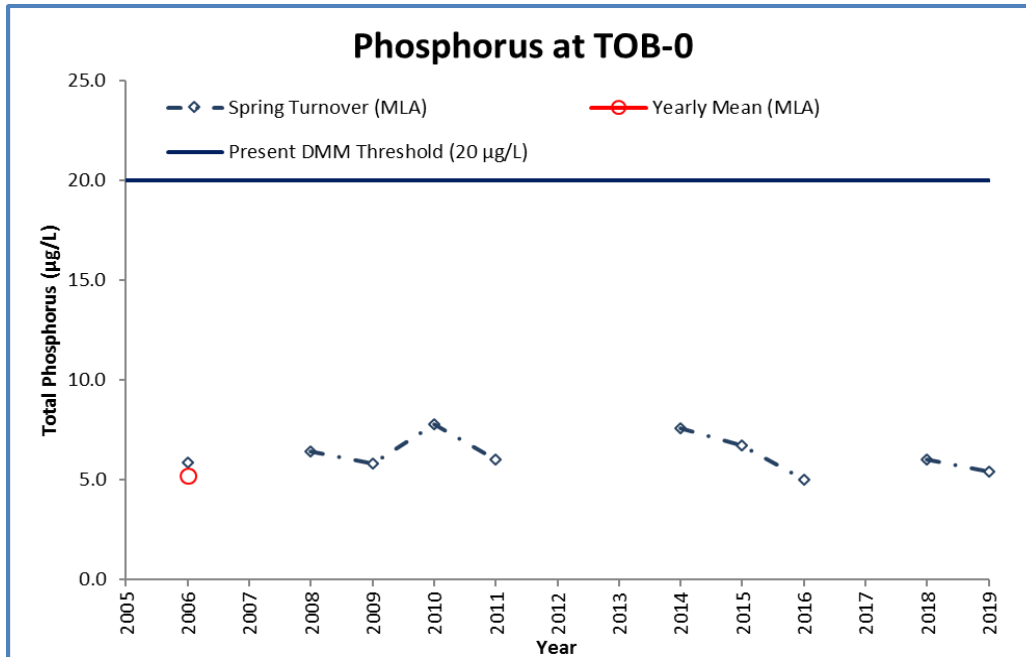
Tobin Island is an open bay area in the central part of Lake Rosseau. The surrounding area is moderately developed with cottage/residential properties along the shoreline and much of the inland forest area remaining in a natural state. Two creeks from adjacent wetland areas drain into the lake within this sampling area.

Volunteer Recognition: **Katherine Seybold** and Peter Seybold.

## Tobin Island (TOB)

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

Station	Mean Secchi Disk (m)	Total Phosphorus ( $\mu\text{g/L}$ )		<i>E. coli</i> Yearly Geometric Mean (cfu/100 ml)	Total Coliform Yearly Geometric Mean (cfu/100 ml)
		Spring Turnover	Yearly Mean		
TOB-0	3.6	5.4			



### Summary and Recommendations:



The spring turnover phosphorus levels at TOB-0 are consistent through the sampling years, and all phosphorus values remain well below the present DMM threshold (20  $\mu\text{g/L}$ ). The 2017 sample was previously determined to be an outlier following the 2019 Grubb's test analysis and remains out of the dataset. Secchi measurements remain stable through sampling years, ranging between 3.0 and 4.3 m (2018). **Beacon recommends that sampling continue to monitor long-term trends.**