



### Area Description:

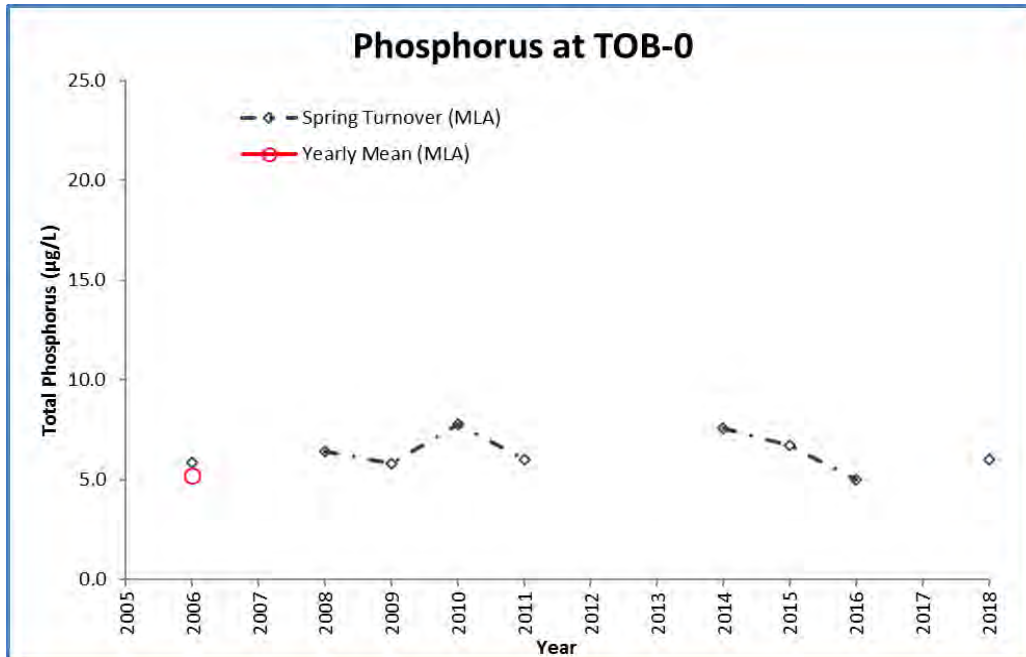
Tobin Island is an open bay area in the central part of Lake Rosseau. The surrounding area is moderately developed with cottage/residential properties along the shoreline and much of the inland forest area remaining in a natural state. Two creeks from adjacent wetland areas drain into the lake within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

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## Tobin Island (TOB)

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		
TOB-0	3.8	6.0			



### Summary and Recommendations:



The spring turnover phosphorus levels at the deep station are consistent through the sampling years, except for the results from 2017. The 2017 sample was determined to be an outlier following the 2018 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 remain stable through sampling years, ranging between 3.1 and 3.9. **Beacon recommends that sampling continue to monitor long-term trends.**