



### Area Description:

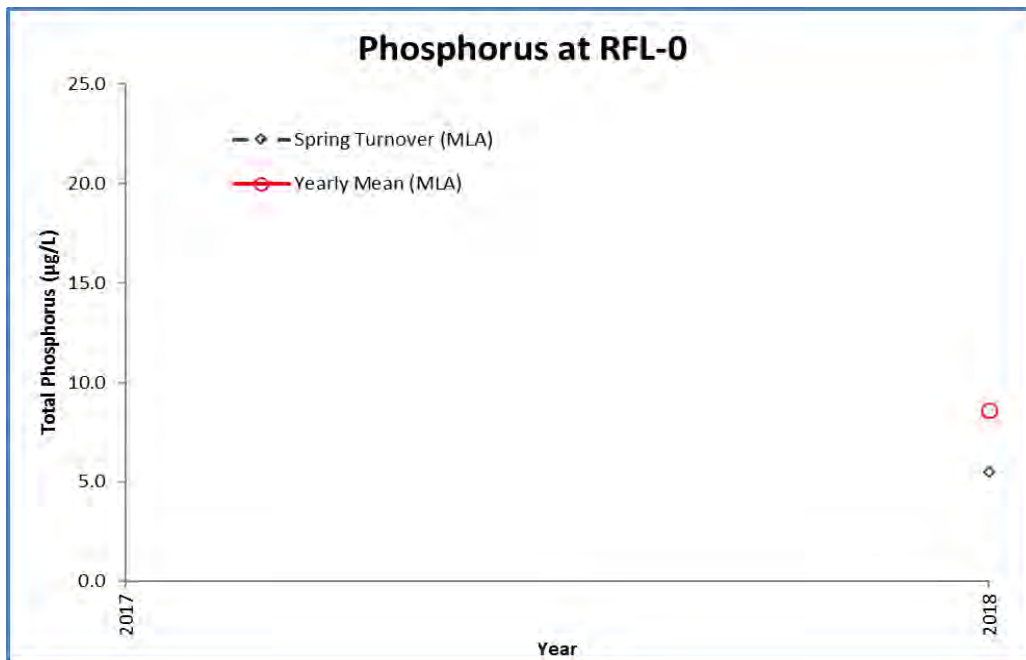
The Rosseau Falls site is located at the point where the Rosseau River enters Rosseau Lake. The Rosseau River Subwatershed flows through the Rosseau River into Lake Rosseau at RFL-1. The Subwatershed is 12,969 hectares in area with 98% identified as natural habitat. Cardwell Lake is the only major water body in the subwatershed and is approximately 2.0 km<sup>2</sup> in size.

**Volunteer Recognition: Sue Wessenger , John Wessenger, and Jill Levine.**

## Rosseau Falls (RFL)

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		
RFL-0	3.5	5.5	8.6		
RFL-1		21.0	12.5		



### Summary and Recommendations:

The deep-water station (RFL-0) was established in 2018 and data will be analyzed following additional years of gathering samples. The nearshore station (RFL-1) was established in 2015. The 2018 spring phosphorus as well as the yearly phosphorus mean concentrations at RFL-1 were the highest recorded to date. **Beacon recommends that sampling continue to monitor long-term trends.**