



Area Description:

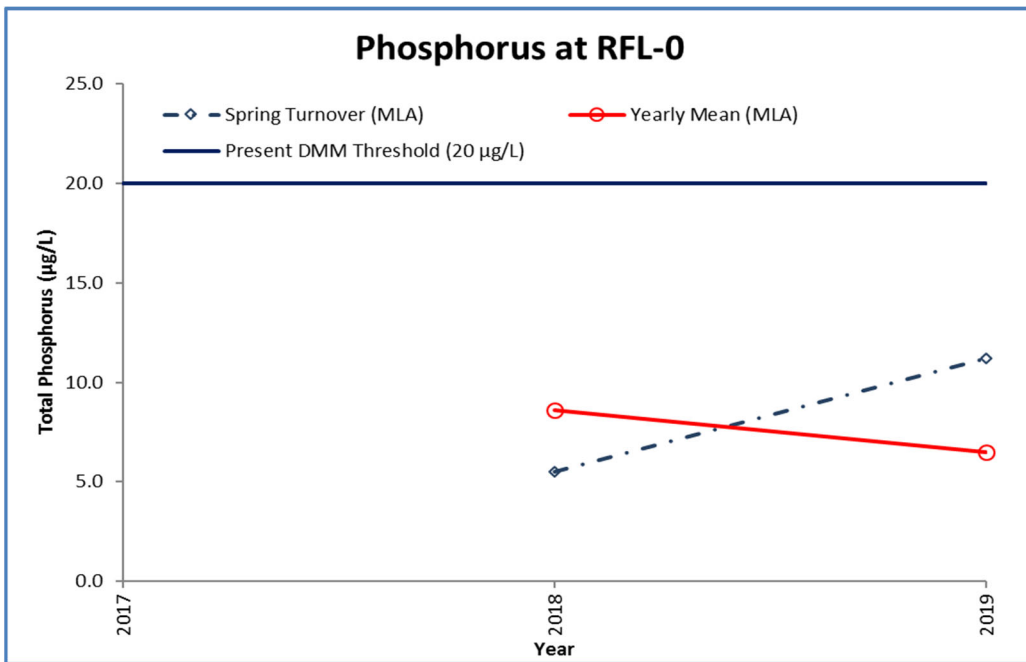
The Rosseau Falls site is located at the point where the Rosseau River enters Rosseau Lake. The Rosseau River Subwatershed flows through the Rosseau River into Lake Rosseau at RFL-1. The Subwatershed is 12,969 hectares in area with 98% identified as natural habitat. Cardwell Lake is the only major water body in the subwatershed and is approximately 2.0 km² in size.

Volunteer Recognition: Sue Wessenger, Jill Lavine, Carol Ann Ballantyne, and John Wessenger.

Rosseau Falls (RFL)

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

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	2.9	11.2	6.5		
RFL-1		16.4	82.7		



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 2019 yearly phosphorus mean concentrations at RFL-1 was the highest recorded to date due to an extremely high sample reading in June; it is very likely that once additional data are compiled, that the June value will be an outlier. **Beacon recommends that sampling continue to monitor long-term trends.**