



Area Description:

The main basin of Lake Rosseau is approximately 55.5 km² in area with a maximum depth of 90 m. The lake is classified as a coldwater lake and supports a naturally reproducing population of Lake Trout. Wetlands account for 5% of the upper watershed. The Lake Rosseau watershed, excluding the lake itself is 204.5 km². Lake Rosseau was historically classified by the DMM as moderately sensitive. Monitoring started in 2005.

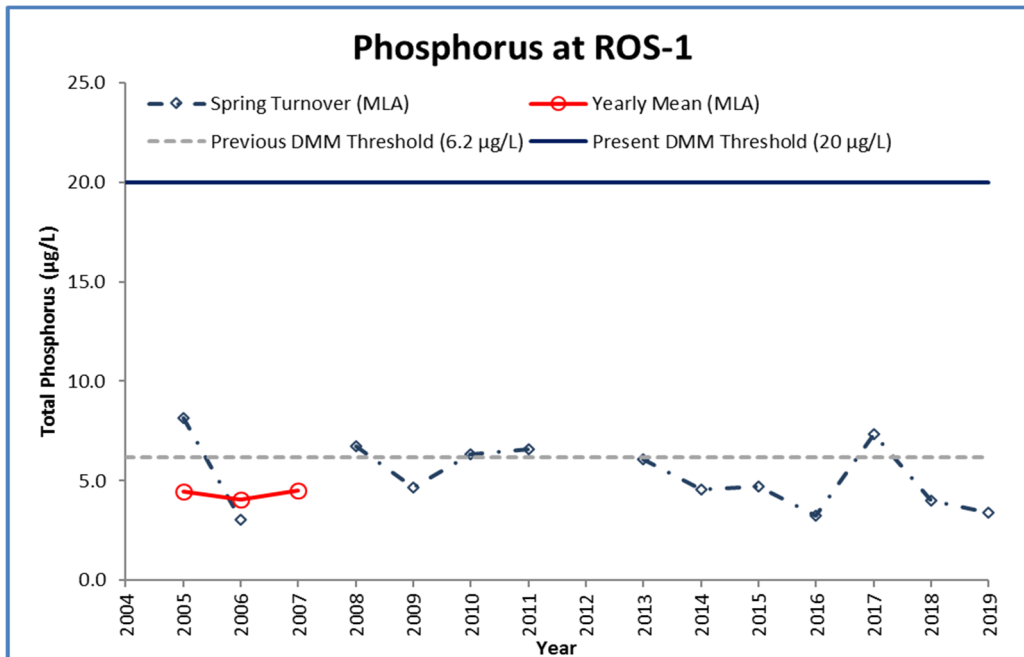
Volunteer Recognition: Katherine

Seybold, Peter Seybold and B. McCabe.

Lake Rosseau (ROS)

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		
ROS-1	4.1	3.4			



Summary and Recommendations:

The 2019 spring phosphorus concentration at ROS-1 was below the historic DMM threshold of 6.2 µg/L, and all readings remain well below the present DMM threshold (20 µg/L). Secchi measurements vary through sampling years, ranging between 3.1 and 5.65 m (2014). **Beacon recommends that spring sampling continue to monitor long-term trends.**