



Area Description:

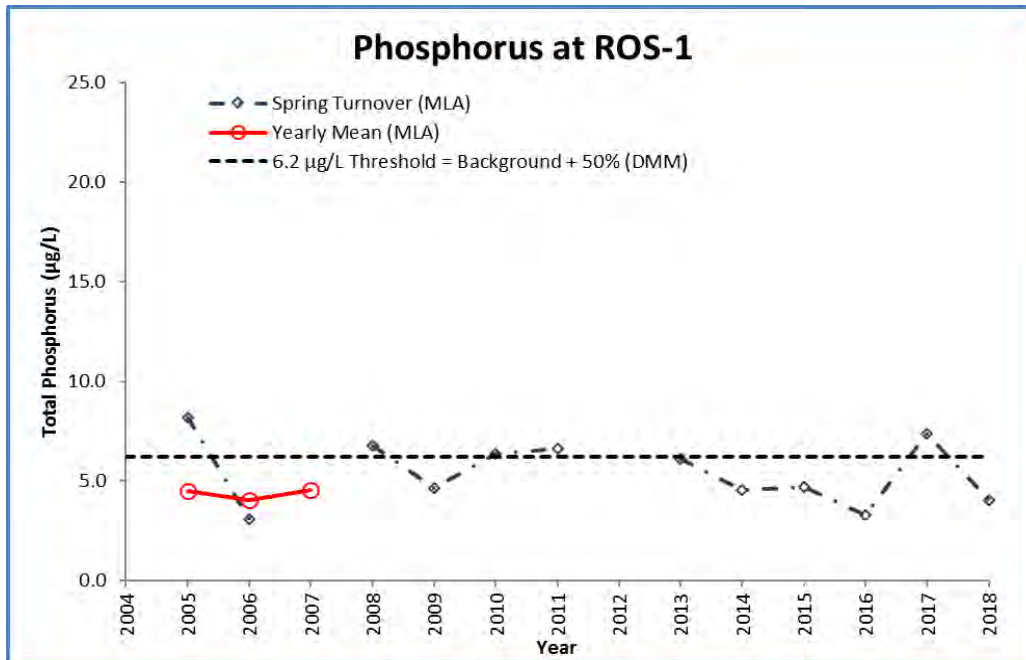
The main basin of Lake Rosseau is approximately 55.5 km² in area with a maximum depth of 60 m. The lake is classified as a coldwater lake and supports a naturally reproducing population of Lake Trout. Wetlands account for 5% of the upper watershed. The Lake Rosseau watershed, excluding the lake itself is 204.5 km². The DMM has classified the lake as moderately sensitive. Monitoring started in 2005.

Volunteer Recognition: Katherine Seybold and Peter Seybold.

Lake Rosseau (ROS)

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		
ROS-1	4.7	4.0			



Summary and Recommendations:

The 2018 spring phosphorus concentration at ROS-1 was below the historic DMM threshold of 6.2 µg/L. Only one spring phosphorus sample was collected in 2018, therefore no yearly mean could be calculated, and no value is reported for 2018. The mean Secchi measurement in 2018 (averaged from 2 sample dates) was the 2nd deepest recorded to date.

Beacon recommends that spring sampling continue to monitor long-term trends.