



Area Description:

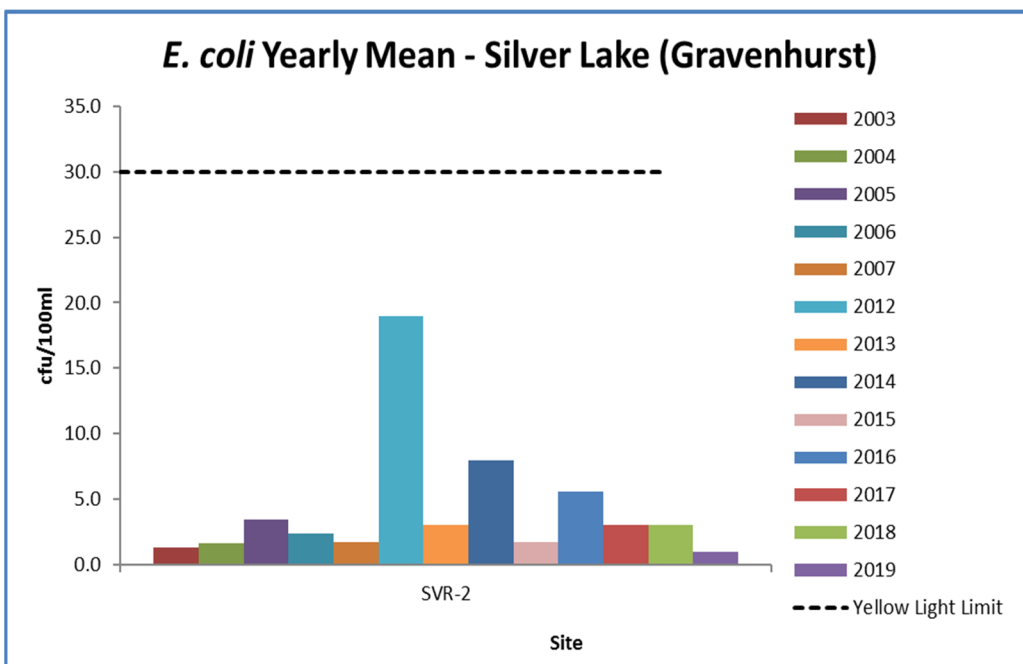
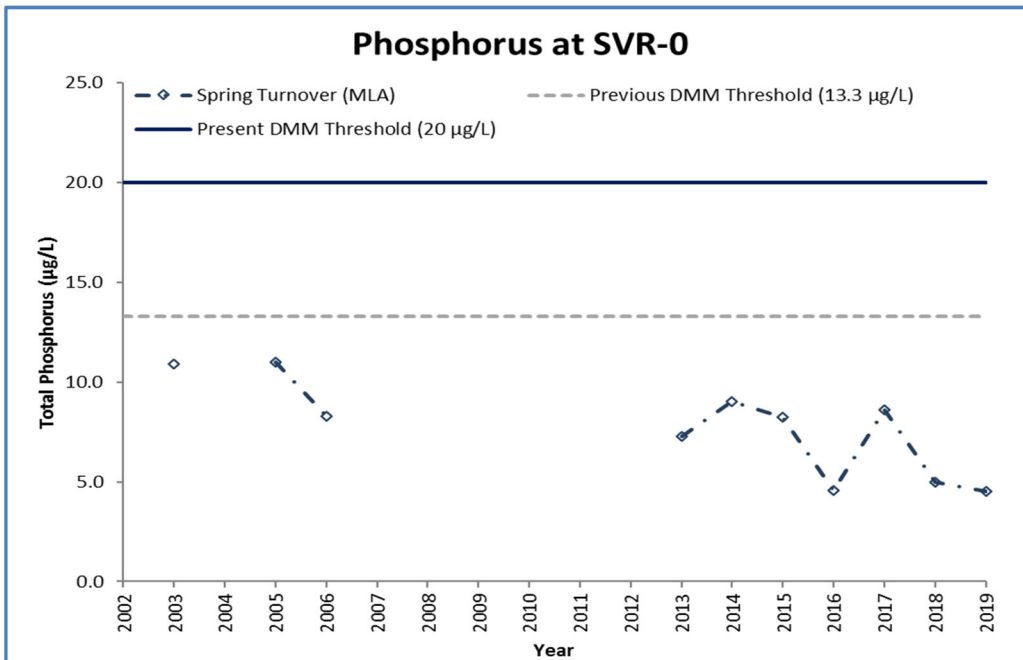
Silver Lake is located at the south end of Gull Lake. The lake is approximately 0.57 km² in area, with a maximum depth of 14 m. No fewer than 13 rivers and streams outlet into the lake. The northwestern portion of Silver Lake contains a navigable outlet into Gull Lake. The Silver Lake watershed is approximately 8 km² in size and contains a number of large lacustrine wetlands. Silver Lake was historically classified as moderately sensitive by the DMM. Monitoring started in 2003. All stations shown may not be sampled each year.

Volunteer Recognition: Bruce Elliott

Silver Lake (SVR)

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

Station	Mean Secchi Disk (m)	Total Phosphorus (µg/L)		<i>E. coli</i> Yearly Geometric Mean (cfu/100 ml)	Total Coliform Yearly Geometric Mean (cfu/100 ml)
		Spring Turnover	Yearly Mean		
SVR-0	2.9	4.5	5.5		
SVR-2				1.0	24.0



Summary and Recommendations:



The spring turnover phosphorus and yearly mean phosphorus concentrations continue to remain well below the historic DMM threshold (13.3 µg/L), and all readings remain well below the present DMM threshold (20 µg/L). The spring phosphorous concentration at SVR-0 was the lowest recorded to date. The *E. coli* yearly mean value for SVR-2 in 2019 remains well below the MLA stoplight limits (details in report Section 3). Secchi measurements vary through the sampling years between 2.0 and 4.5 m (2018). **Beacon recommends sampling continue to monitor long-term trends.**