



Area Description:

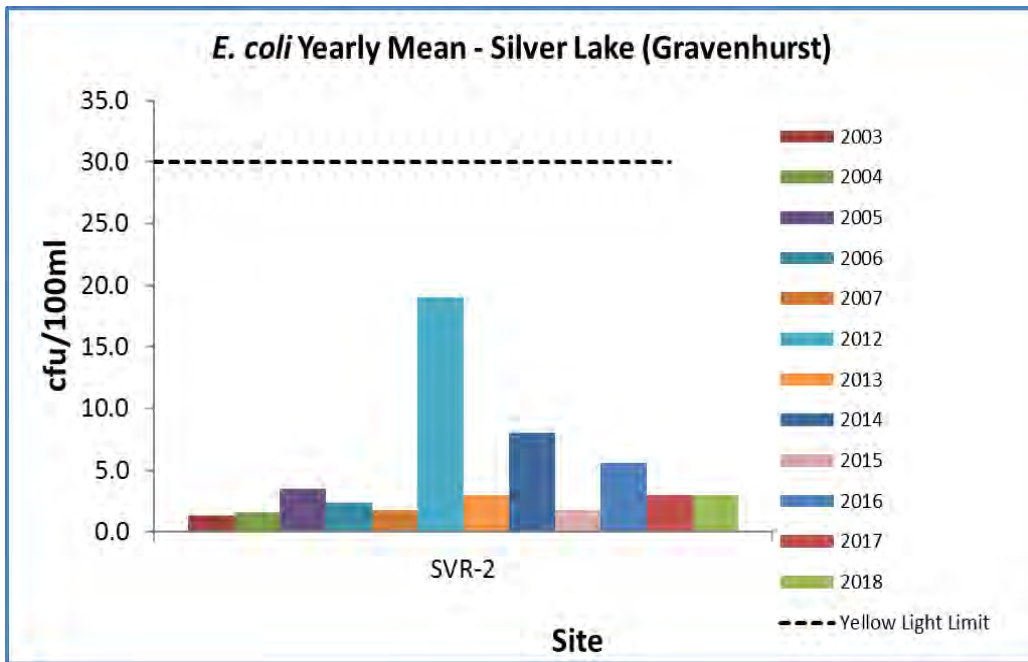
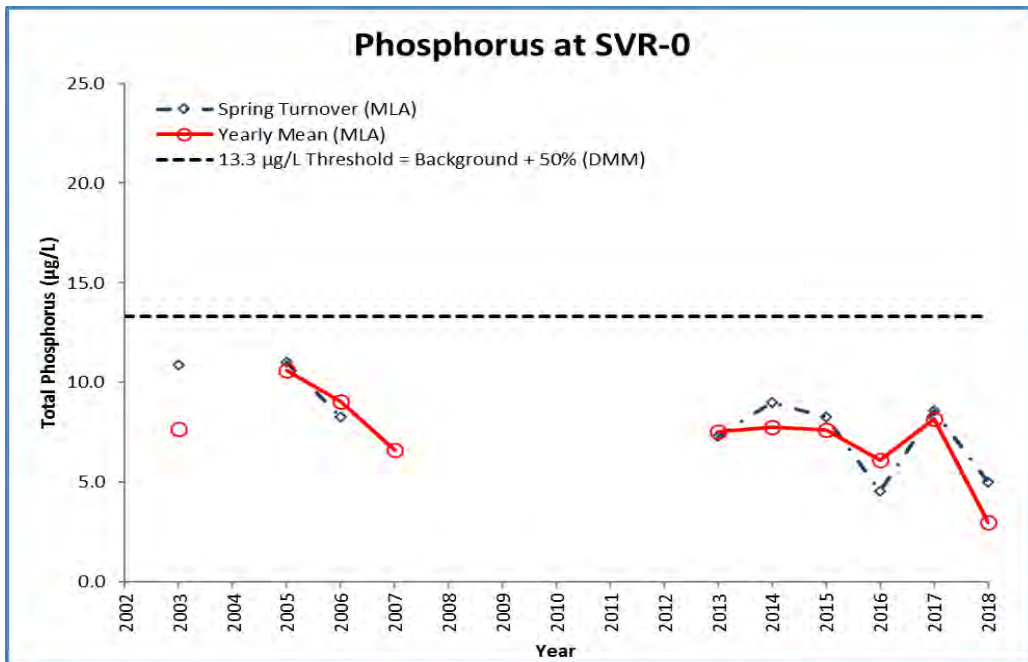
Silver Lake is located at the south end of Gull Lake. The lake is approximately 0.57 km² in area, with a maximum depth of 14 m. No fewer than 13 rivers and streams outlet into the lake. The northwestern portion of Silver Lake contains a navigable outlet into Gull Lake. The Silver Lake watershed is approximately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

Volunteer Recognition: Bruce Elliott, Anne Elliott, Peter Elliott, and Ross Elliott.

Silver Lake (SVR)

2018 Water Quality Results: (Note: Hatched cell signifies not tested for in 2018)

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	3.8	5.0	3.0		
SVR-2				3.0	90.2



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). The yearly phosphorus mean at SVR-0 was the lowest recorded to date. The *E. coli* yearly mean value for SVR-2 in 2018 remains well below the MLA stoplight limits (details in report Section 3). The 2018 mean Secchi measurement is the deepest reading recorded to date. **Beacon recommends sampling continue to monitor long-term trends.**