



Area Description:

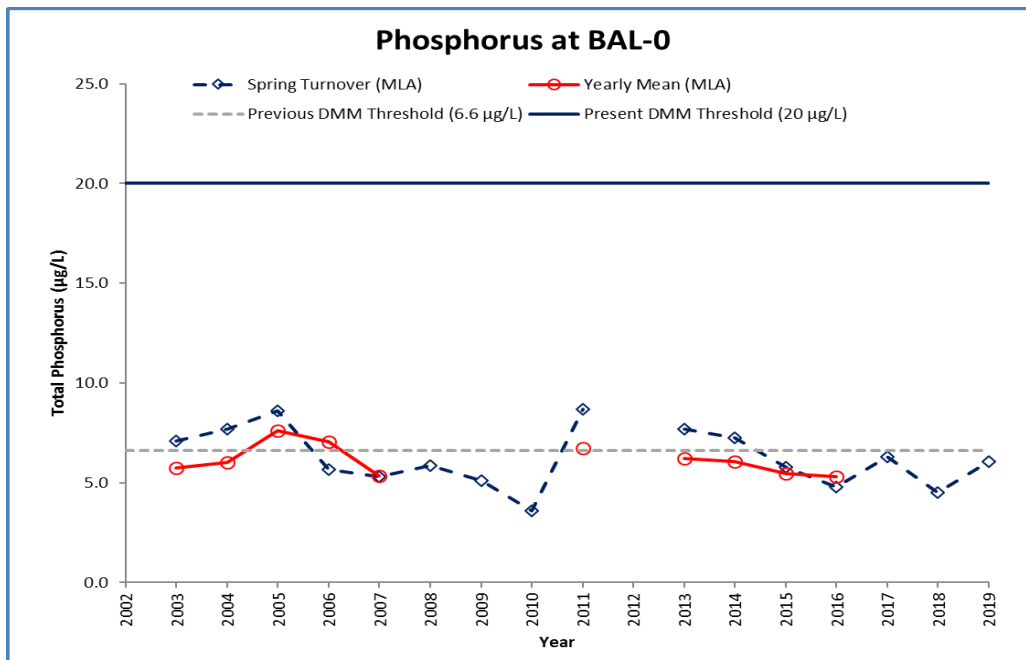
Bala Bay is a large isolated bay in the eastern part of Lake Muskoka. Most of the bay is densely developed but there is intact forest cover along most of the shoreline area. Drainage from the village of Bala does enter the bay along the western shore. The entire Muskoka River Watershed drains through Bala Bay into the Moon River System. There are also two small wetlands that drain into the bay. Monitoring started in 2003. All stations shown may not be sampled each year.

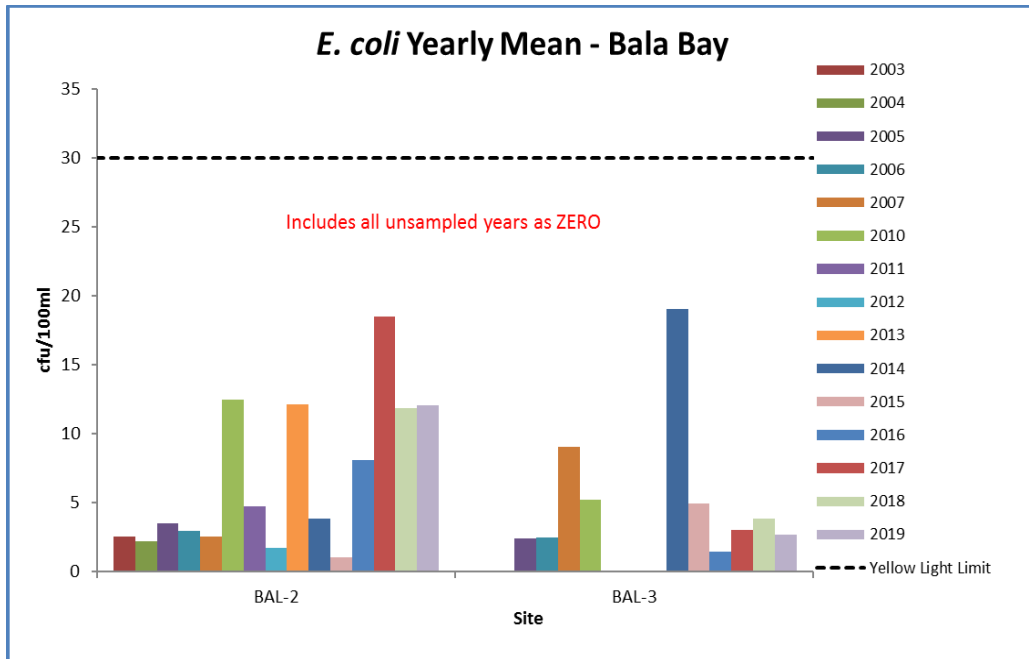
Volunteer Recognition: Peter Joel and Alan Hutton.

Bala Bay (BAL)


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

Station	Mean Secchi Disk (m)	Total Phosphorus ($\mu\text{g/L}$)		<i>E. coli</i> Yearly Geometric Mean (cfu/100 ml)	Total Coliform Yearly Geometric Mean (cfu/100 ml)
		Spring Turnover	Yearly Mean		
BAL-0	3.4	6.1			
BAL-2				12.0	100.2
BAL-3				2.7	38.6





Summary and Recommendations:


 Phosphorus results at BAL-0 continue to remain consistent over the sampling years, generally in the range of the historic DMM threshold of 6.6 µg/L, and all readings remain well below the present DMM threshold (20 µg/L). Only one phosphorus sample (spring) was collected at BAL-0 in 2019, therefore no yearly mean could be calculated or reported for 2019. The 2019 *E. coli* results remain well below the MLA limits (details in report Section 3). Re-tests were required at BAL-2. The Secchi depth in 2019 was shallower than 2018 and measurements have ranged through sampling years, varying between 2.46 and 5.25 m (recorded in 2010). **Beacon recommends sampling continue to monitor long-term trends.**