



Area Description:

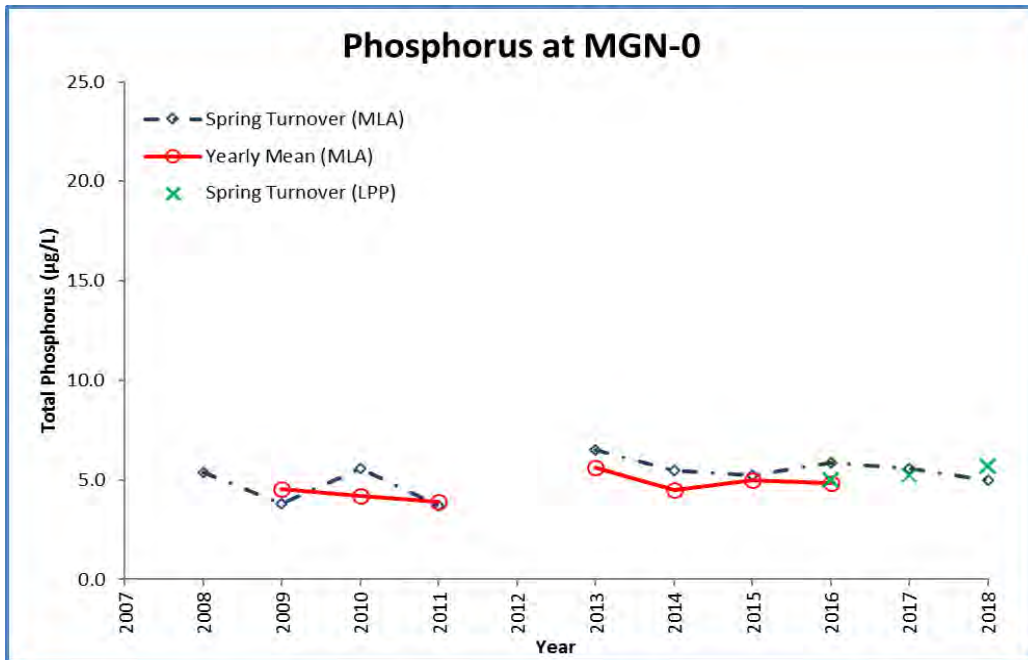
Morgan Bay is in the northernmost part of Lake Rosseau, and a series of small bays make up this large sampling area. Several creeks outlet into this bay close to the nearshore sampling sites and there is a wetland adjacent to the lake at MGN-3. Most of the shoreline area is developed with residential properties, but many retain natural riparian vegetation. Nearly the entire area has road access and several of these roadways come very close to the water. Monitoring started in 2008. All stations shown may not be sampled each year.

Volunteer Recognition: **David Peacock**, Barry Matthews, Nancy Matthews, Heather Cockburn, Andy Cockburn, Mary Anne Peacock and the Lake Partner Program.

Morgan Bay (MGN)

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		
MGN-0	3.7	5.0			
MGN-2		3.0	2.8		



Summary and Recommendations:



All spring phosphorus results remain consistent over the sampling years. Only one spring phosphorus sample was collected in 2018, therefore no yearly mean could be calculated, and no value is reported for 2018. Lake Partner Program spring phosphorus data was available in 2016, 2017 and 2018, and is included in the graph. Secchi measurements vary through these years, ranging between 2.6 and 5.25. **Beacon recommends that the MLA rely on the Lake Partner Program data when it is available, and sampling continue to monitor long-term trends.**