



Area Description:

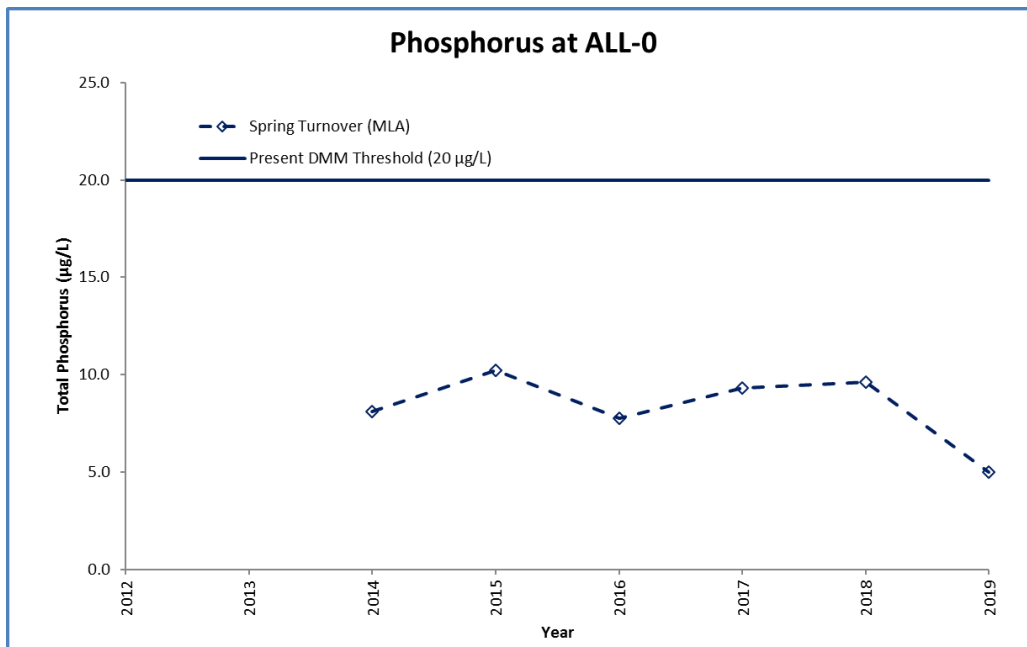
Alport Bay (also known as Alport Lake) is a small bay in the central part of eastern Lake Muskoka, at the mouth of the Muskoka River. The water quality in Alport Bay is influenced by several natural and man-made features, including a marina in the south, a large wetland as well as agriculture in the east, and inflow from the mouth of the Muskoka River. The inflow from the River is highly influenced by a larger portion of the upstream catchment. Much of the shoreline is developed with a high proportion of the residential properties maintaining manicured lawns and minimal vegetation along the shoreline. Monitoring started in 2013.

Volunteer Recognition: **Bill Caughey, Rayma Blaymires, Jane Caughey, and Chris Blaymires.**

Alport Bay (ALL)

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		
ALL-0	1.6	7.9			



Summary and Recommendations:



After a seventh year of data collection, spring phosphorus in 2019 declined to the lowest recorded level, and all readings remain well below the present DMM threshold (20 $\mu\text{g/L}$). The 2019 mean Secchi measurement (1.6 m) was shallower than 2018 (2.3 m). **Beacon recommends sampling continue to monitor long-term trends.**