



Area Description:

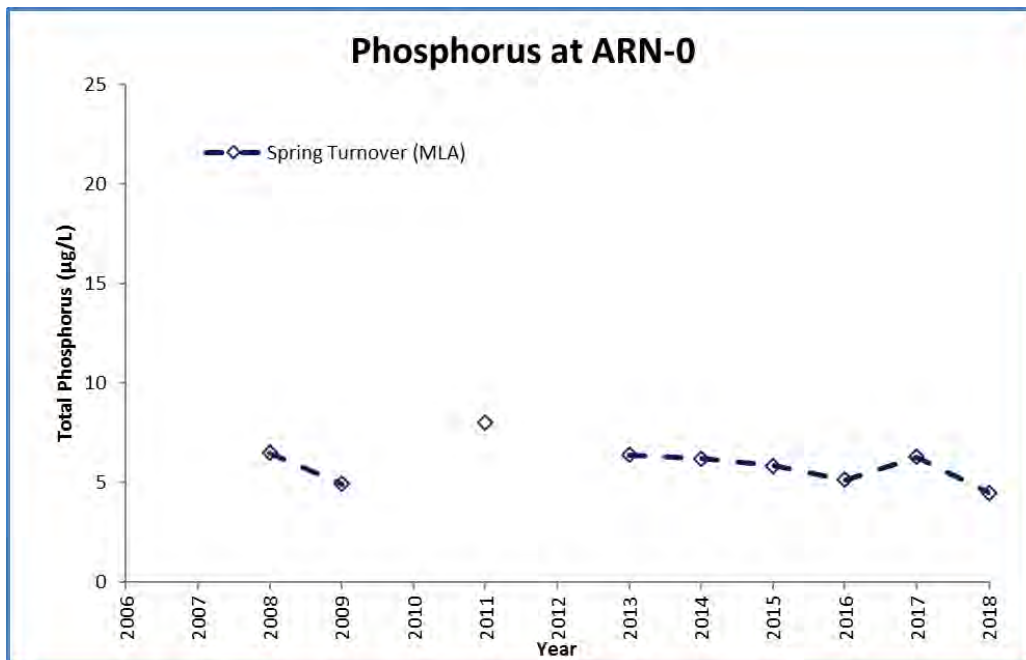
The Arundel Lodge sampling area is in south-central Lake Muskoka, east of Hardy Lake Provincial Park and south of Walker's Point. ARN-0 is located in Skinner Bay, adjacent to Miller Island and Firebrand Island. A creek draining three wetland areas runs along part of Arundel Lodge Rd. and outlets northeast of this site. Monitoring started in 2008.

Volunteer Recognition: Susan Murphy
 Doug Tate, Stephen Sims, Sheila Robinson, Beth Wilson and George Fallis.

Arundel Lodge (ARN)

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		
ARN-0	3.0	4.5			



Summary and Recommendations:



Spring phosphorus concentrations remain consistent through the sampling years. The Secchi depth in 2018 was deeper than 2017, while mean Secchi measurements are generally stable through sampling years, varying between 2.4 and 3.45 (recorded in 2011). **Beacon recommends continued sampling at this site.**