



Area Description:

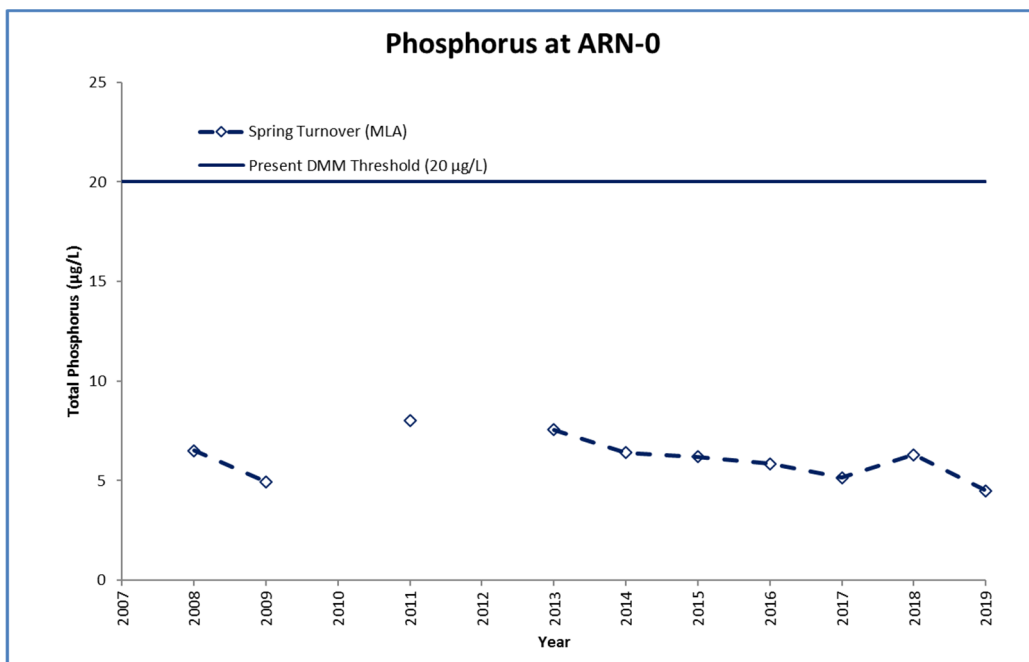
The Arundel Lodge sampling area is in south-central Lake Muskoka, east of Hardy Lake Provincial Park and south of Walker's Point. ARN-0 is located in Skinner Bay, adjacent to Miller Island and Firebrand Island. A creek draining three wetland areas runs along part of Arundel Lodge Rd. and outlets northeast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

Volunteer Recognition: Susan Murphy, Doug Tate, and Stephen Sims.

Arundel Lodge (ARN)

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

| 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 | 3.5 | 3.7 | | | |



Summary and Recommendations:



Spring phosphorus concentrations remain consistent through the sampling years, and all readings remain well below the present DMM threshold (20 µg/L). The Secchi depth in 2019 (3.5 m) was the deepest recorded to date, and mean Secchi measurements are generally stable through sampling years, varying between 2.4 and 3.5 m. **Beacon recommends continued sampling at this site.**