



Area Description:

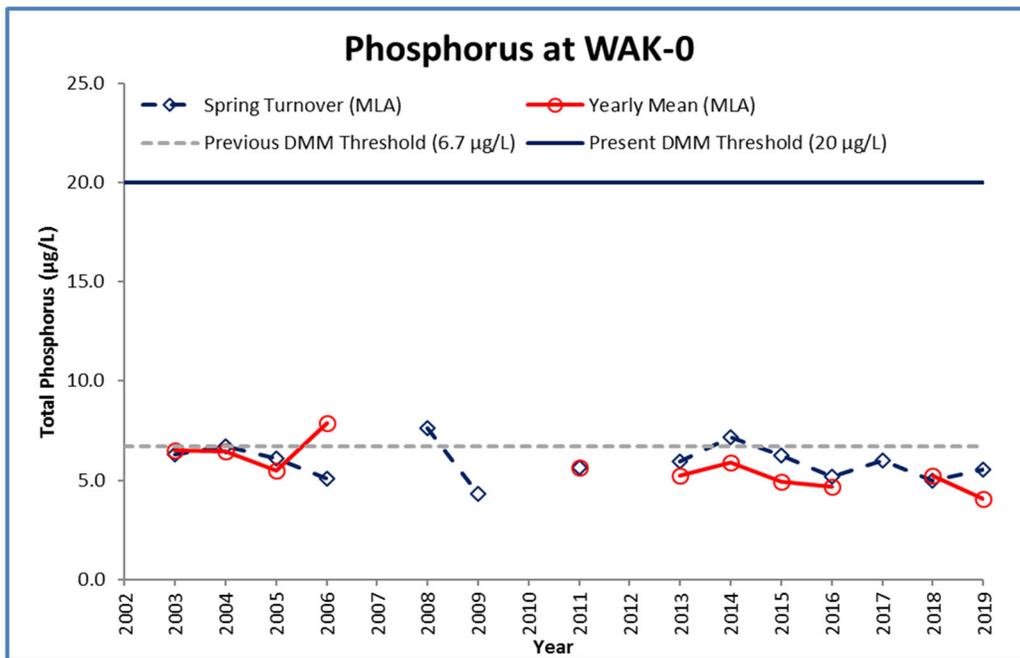
The Walkers Point sampling area is in south-central Lake Muskoka, East of Hardy Lake Provincial Park and west of Browning Island. WAK-0 is located off the tip of Walkers Point, near the mouth of Walkers Bay. A single creek outlets in Walkers Bay. The sampling area includes the bay to the north that contains the outlet of a creek which drain a series of wetlands. All stations shown may not be sampled each year.

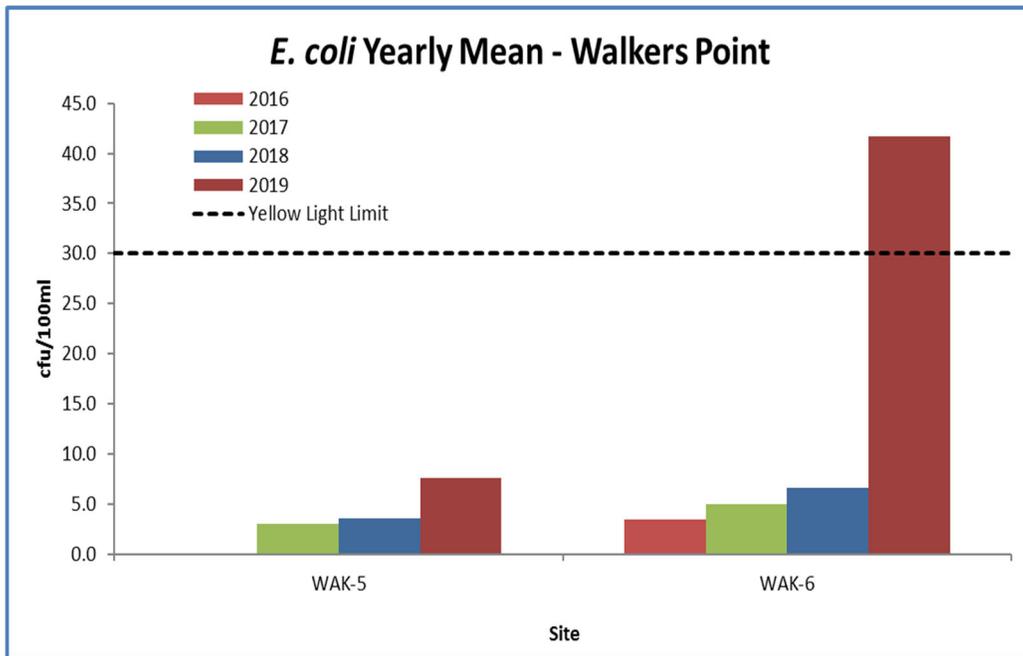
Volunteer Recognition: Susan Murphy, Doug Tate, Stephen Sims, Sydney Sims, Grayden Coulson, Dave Coulson, Beth Tate, and Sam Conley.

Walkers Point (WAK)

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		
WAK-0	3.4	5.6	4.0		
WAK-5		6.1	4.7	7.6	49.5
WAK-6		8.1	5.4	41.7	228.7





Summary and Recommendations:



Phosphorus concentrations at the deep-water station (WAK-0) remain consistent, below the historic DMM threshold of 6.7 µg/L in 2019, and all readings remain well below the present DMM threshold (20 µg/L). Sampling for spring turnover phosphorus concentrations at WAK-5 began in 2017 and data will be analyzed following additional years of gathering samples. Sampling at WAK-6 began in 2015 and phosphorus values have been inconsistent; the two extremes to date (2.0 µg/L and 19.0 µg/L) were recorded in August and June, respectively in 2018. Data will be analyzed for WAK-6 following additional years of gathering samples. *E. coli* testing at WAK-5 continues to show concentrations below the MLA stoplight limits (details in report Section 3), however the WAK-6 geometric mean exceeded this limit in 2019. For this reason, the stoplight has changed from green to yellow in 2019. The Secchi depth measurements have ranged through sampling years, varying between 2.25 and 4.35 (2016). **Beacon recommends that sampling continue to monitor long-term trends.**