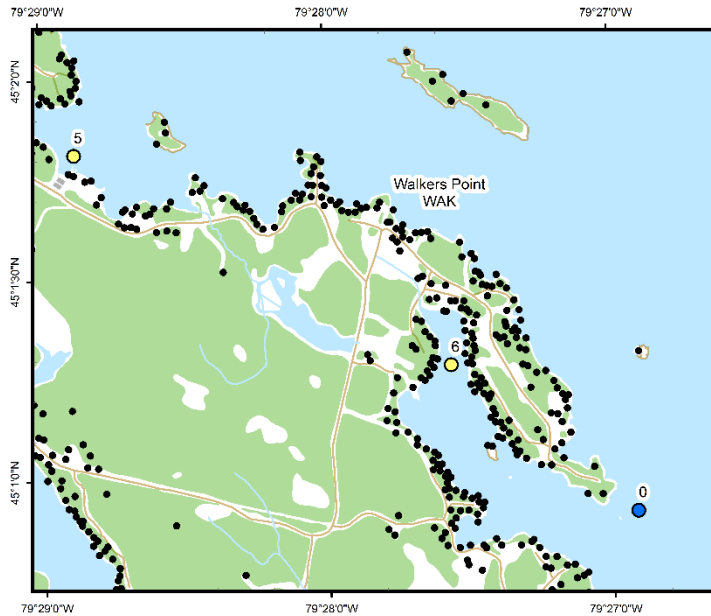




# Walkers Point (WAK)



### Area Description:

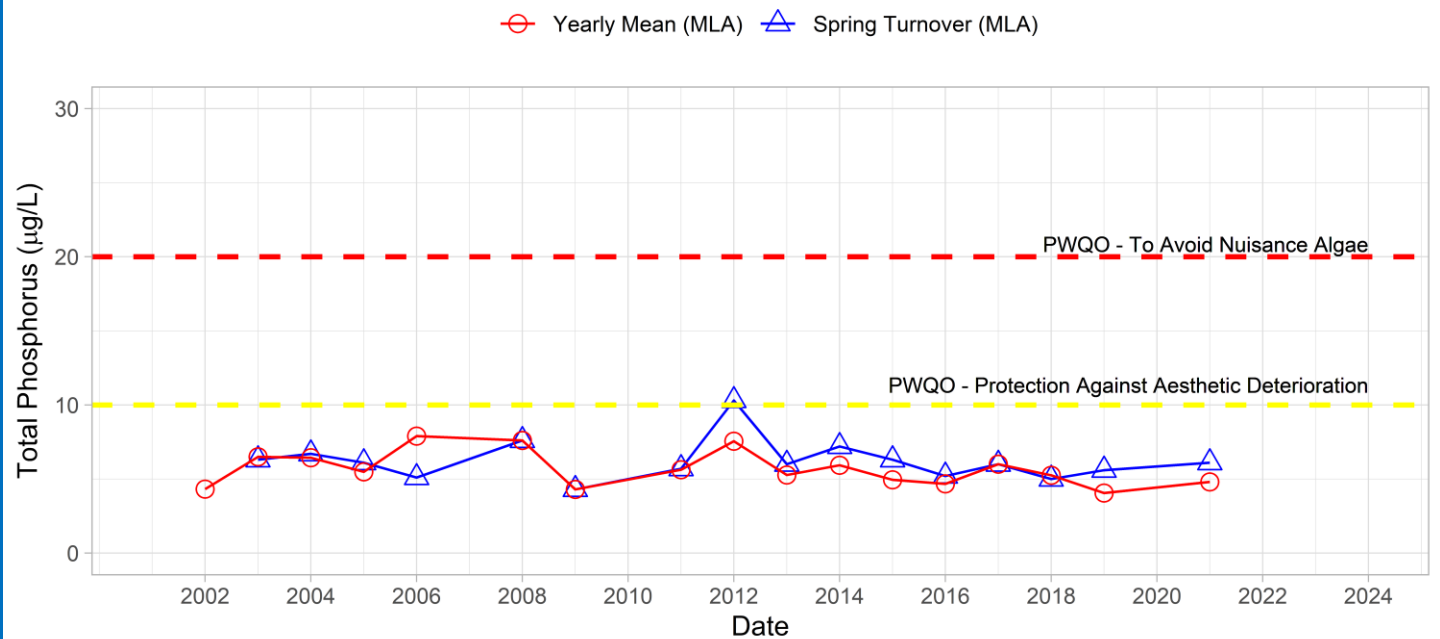
Walkers Point is East of Hardy Lake Provincial Park and west of Browning Island in south-central Lake Muskoka. The deep-water monitoring station (WAK-0) is located off the tip of Walkers Point, near the mouth of Walkers Bay. A single creek flows into Walkers Bay. The sampling area extends northwest to include the outlet of a creek which drain a series of wetlands and is adjacent to a marina. MLA monitoring of Walkers Point began in 2002.

Volunteer Recognition: Susan Murphy, Doug Tate, Beth Tate.

### 2021 Water Quality Results:

	Mean Secchi Disk (m)	Total Phosphorus ( $\mu\text{g/L}$ )		E. coli Yearly Geometric Mean (cfu/100mL)	Total Coliforms Yearly Geometric Mean (cfu/100 mL)
		Spring Turnover	Yearly Mean		
<b>WAK-0</b>	2.85	6.1	4.8		
<b>WAK-5</b>		5.5	4.3	8	72
<b>WAK-6</b>		6.1	5.6	13	106

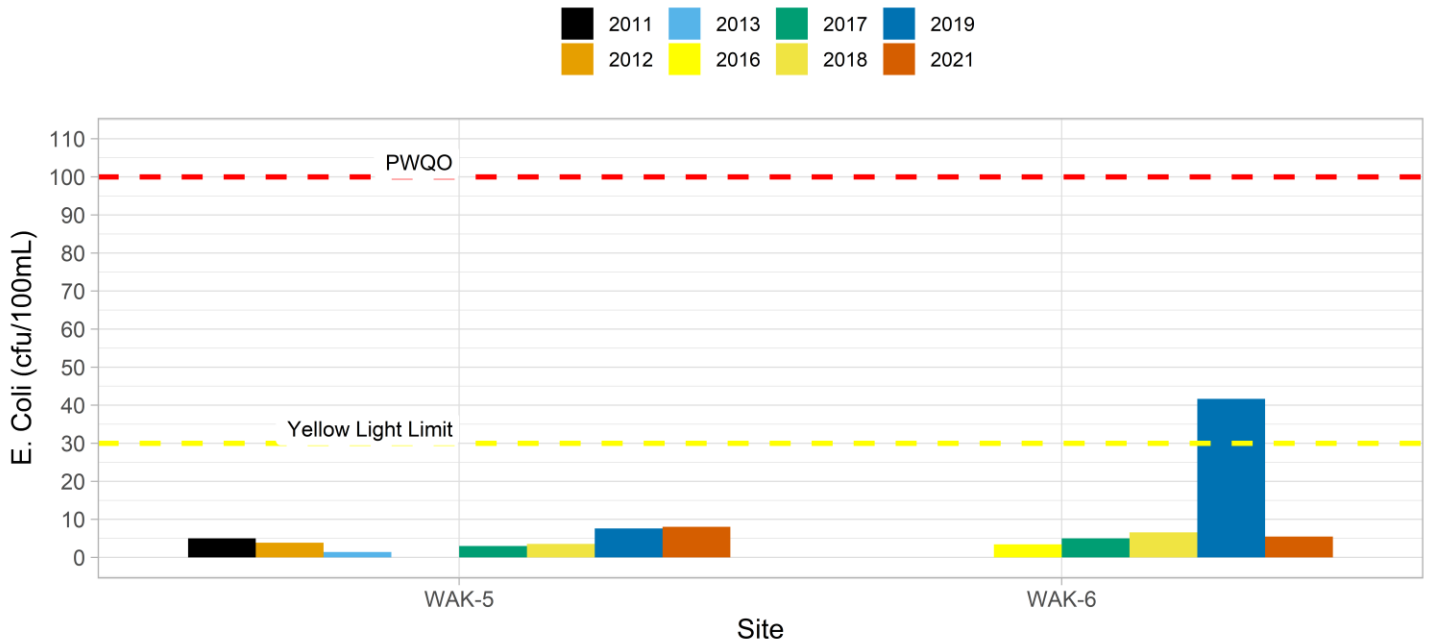
### Phosphorus at WAK-0



Note: Grubbs test indicates data collected in 2012 are considered an outlier



### E. Coli Annual Geometric Mean at Walkers Point



Annual average and spring phosphorus concentrations at the deep-water station (WAK-0) in 2021 were below the historic DMM threshold of 6.7 µg/L and Provincial Water Quality Monitoring Objectives for Protection Against Aesthetic Deterioration (10 µg/L) and Nuisance Algal Growth (20 µg/L). Nearshore monitoring of annual average and spring phosphorus concentrations at WAK-5 and 6 were within the range of variability of previous monitoring data collected since 2017 and 2016 respectively. Average annual Secchi disk depth (2.85 m) was consistent with previous monitoring (2.25 - 4.35 m). *E. coli* counts at WAK-5 and 6 were well below the MLA stoplight limits, therefore the stoplight has changed from yellow to green in 2021. **HESL recommends ongoing sampling to continue to monitor for long-term trends and emerging issues.**