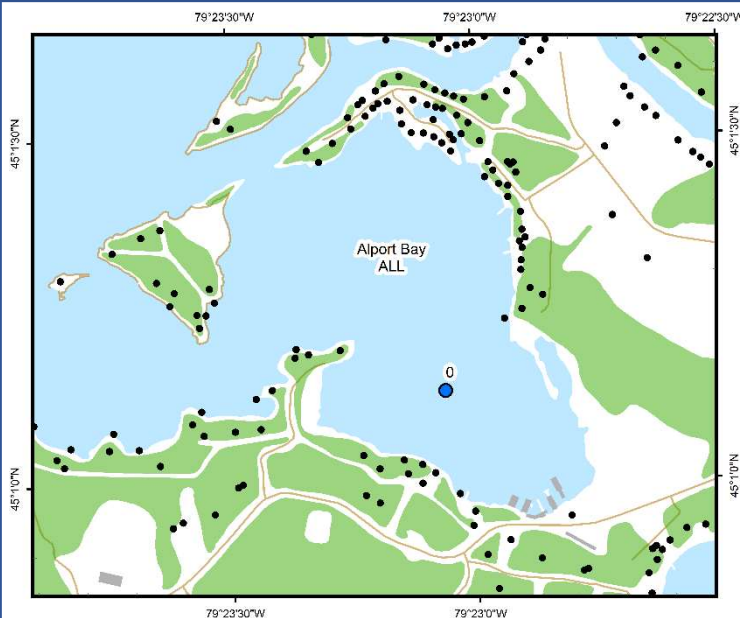




Alport Bay (ALL)



Area Description:

Alport Bay is a small embayment in eastern Lake Muskoka, at the mouth of the Muskoka River. Development in Alport Bay includes a marina in the south and agriculture in the east. Much of the shoreline is developed with a high proportion of the residential properties maintaining manicured lawns and minimal vegetation along the shoreline. MLA monitoring of Alport Bay began in 2013.

Volunteer Recognition: Bill & Jane Caughey, Paul Follis.

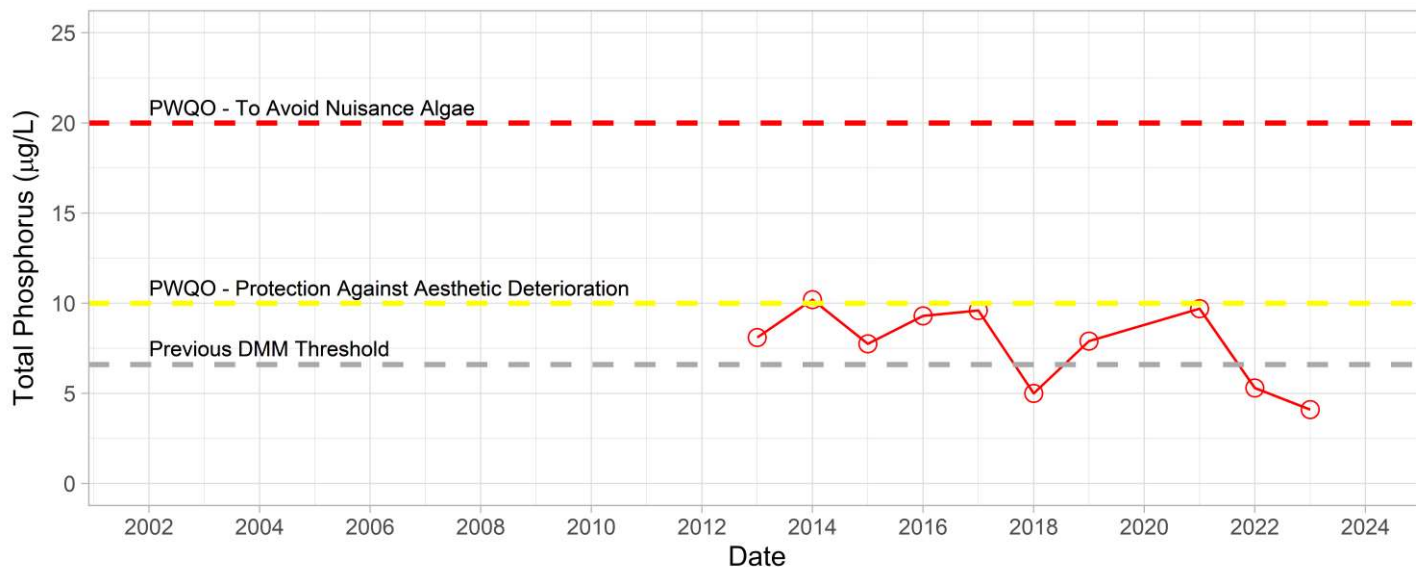
2023 Water Quality Results:

	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		
ALL-0	1.8	4.1			

Note: Grubbs test indicates data collected contained no outliers in 2023.

Phosphorus at ALL-0

Yearly Mean (MLA)





Hutchinson
Environmental Sciences Ltd.



In 2023, spring total phosphorus concentrations were consistent with the range of variability recorded during monitoring since 2013. All measured phosphorus concentrations in 2023 were below Provincial Water Quality Monitoring Objectives for Protection Against Aesthetic Deterioration (10 µg/L) and Nuisance Algal Growth (20 µg/L). Average annual Secchi disk depth (1.8 m) was consistent with previous monitoring (1.6 – 1.9 m). **HESL recommends ongoing sampling to continue to monitor for long-term trends and emerging issues.**