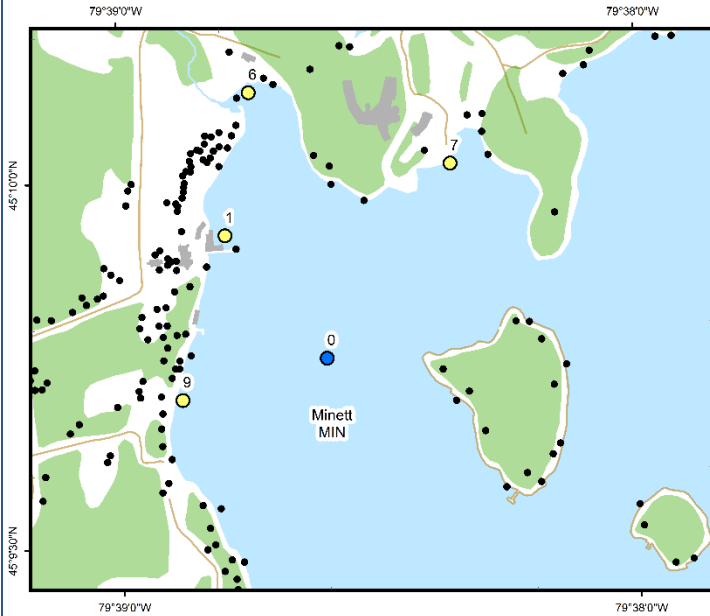




# Minett (MIN)



## Area Description:

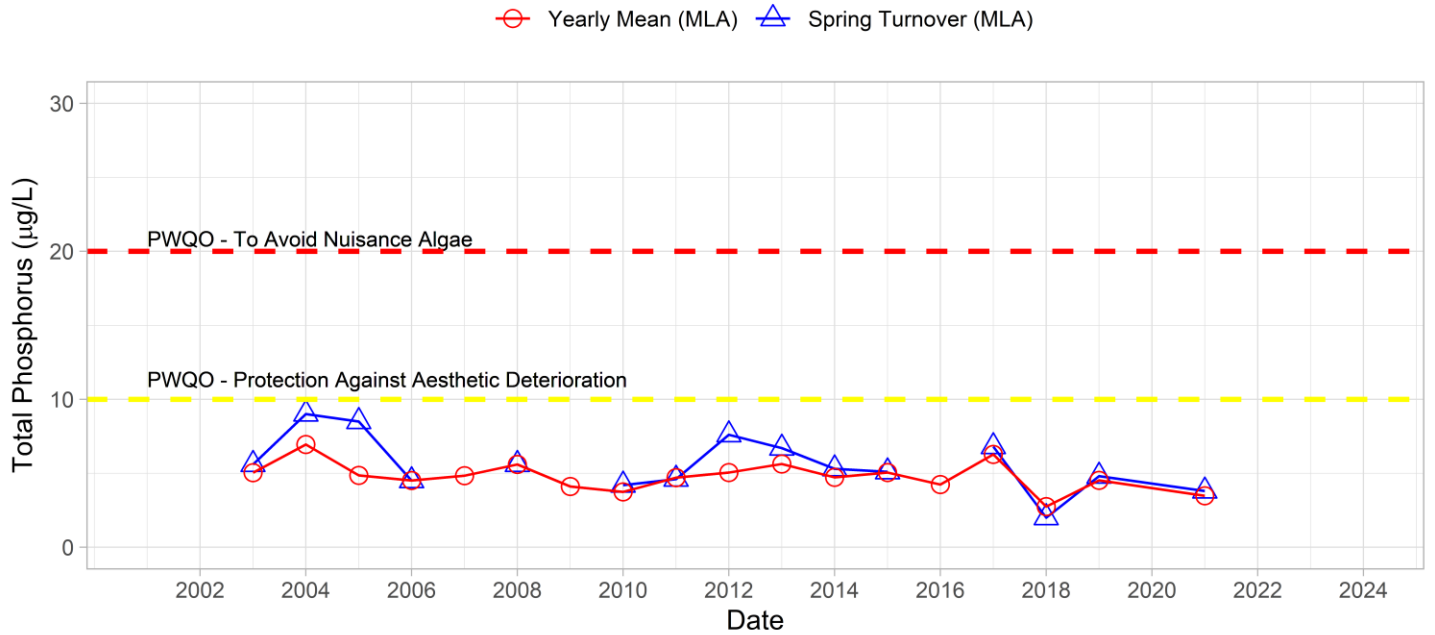
The village of Minett is in western Lake Rosseau and includes high intensity development. The sampling area contains two large resorts with golf courses, several roads, a marina, and many private residential properties thus a substantial number of nearshore monitoring locations are included in the MLA sampling program. MLA monitoring in at Minett began with the original program in 2003.

Volunteer Recognition: Laurie Thomson and Greg Thomson.

## 2021 Water Quality Results:

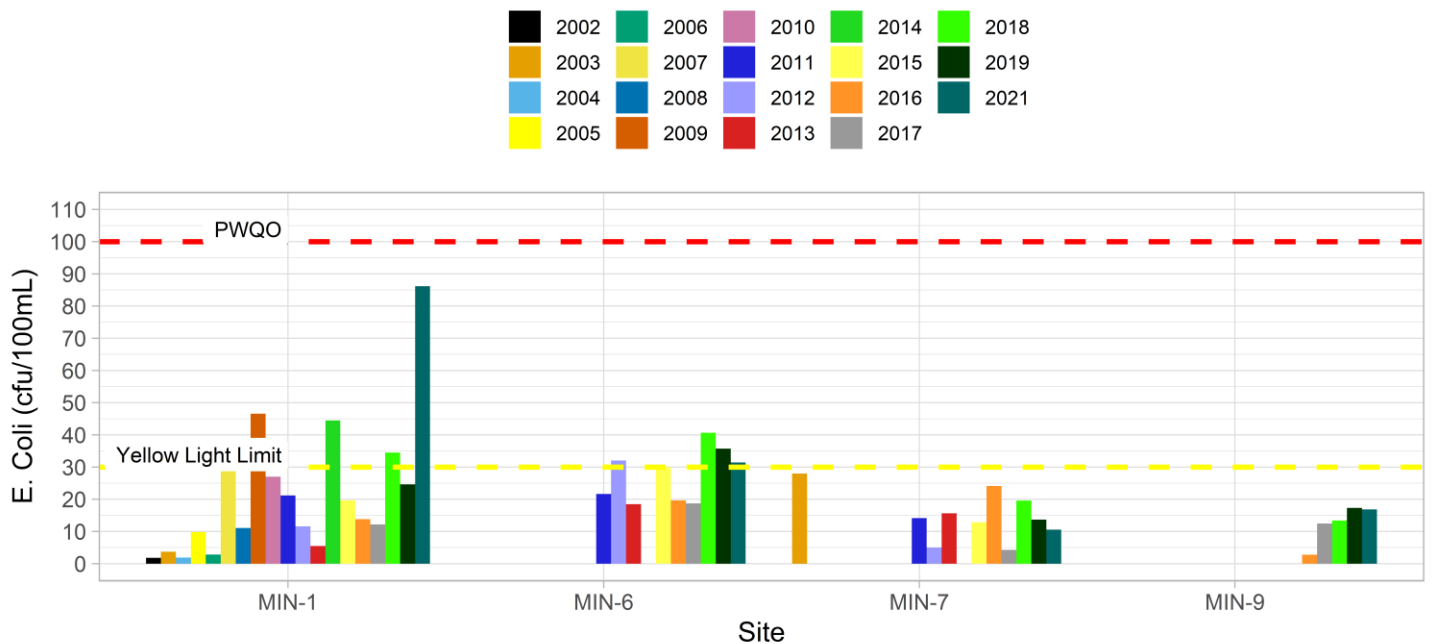
	Mean Secchi Disk (m)	Total Phosphorus (µg/L)		E. coli Yearly Geometric Mean (cfu/100mL)	Total Coliforms Yearly Geometric Mean (cfu/100 mL)
		Spring Turnover	Yearly Mean		
<b>MIN-0</b>	3.45	3.8	3.5		
<b>MIN-1</b>		4.3	4.5	86	467
<b>MIN-6</b>		25.1	18.1	31	924
<b>MIN-7</b>		3.4	3.5	11	176
<b>MIN-9</b>		4.1	5.1	17	234

### Phosphorus at MIN-0



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

### E. Coli Annual Geometric Mean at Minett



Annual average and spring phosphorus concentrations at the deep-water station (MIN-0) were below 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 MIN-1, 7 and 9 were within the range of variability of previous monitoring years. Monitoring at MIN-6 indicated elevated total phosphorus concentrations relative to other nearshore stations. Long-term trend analysis at MIN-6 did not suggest a significant increase, however phosphorus concentrations in 2021 were the highest recorded to date. *E. coli* counts at stations MIN-7 and MIN-9 were below the MLA stoplight limits, however stations MIN-1 and MIN-6 were above the MLA yellow light limit, maintaining a



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yellow stop light for Minett. Average annual Secchi disk depth (3.45 m) was consistent with previous monitoring (1.31 – 5.75 m). **HESL recommends ongoing sampling to continue to monitor for long-term trends and emerging issues.**