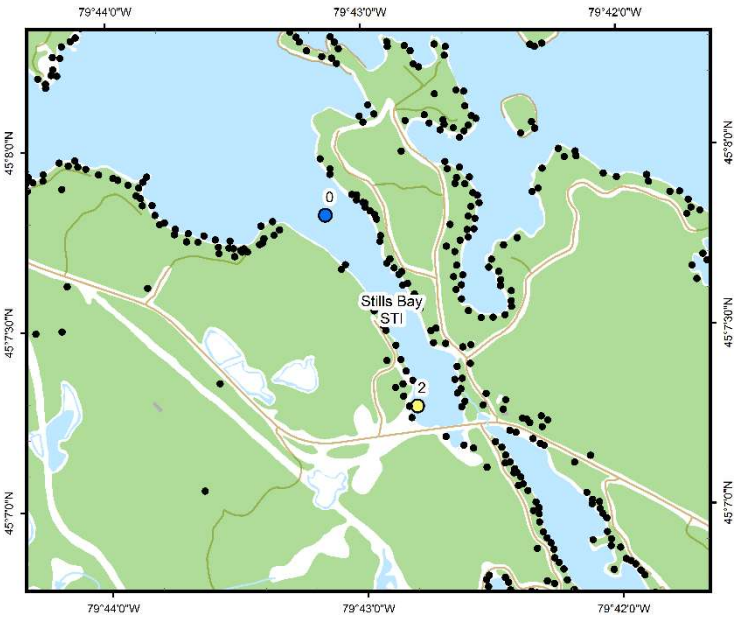
Stills Bay (STI)



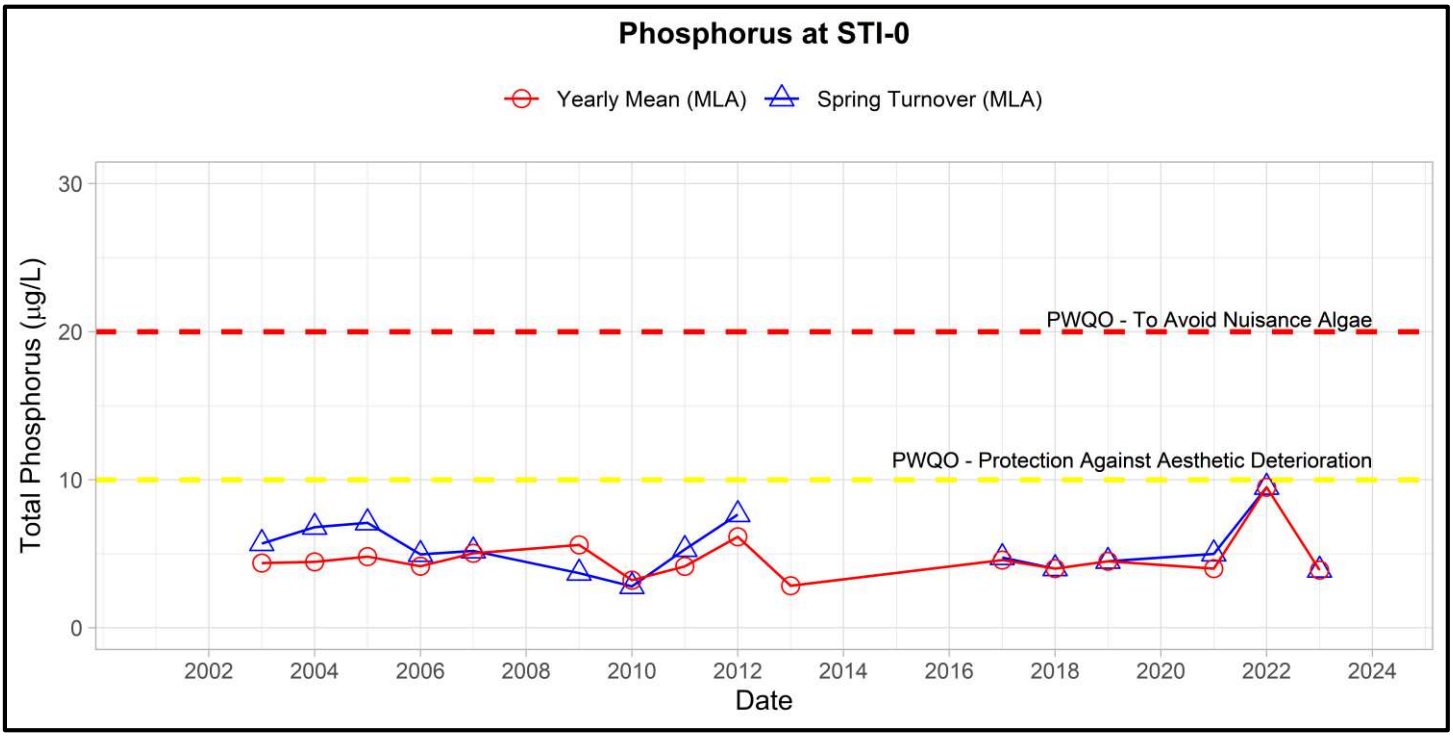
Area Description:

Stills Bay is a long, narrow bay in the south-eastern portion of Lake Joseph. The bay is moderately developed. The southern end of the bay is directly adjacent to Highway 169. Stills Bay receives drainage from several watercourses adjacent to a golf course. Several shoreline areas remain undeveloped with mostly intact forests. The main basin of Lake Joseph is currently classified as highly sensitive by the DMM. MLA monitoring of Stills Bay began in 2003.

Volunteer Recognition: Dave Clark and Penny Middleton.

2023 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		
STI-0	4.8	3.9			
STI-2		4.6	9.6		



Note: Grubbs test indicates no outliers in Spring or Annual Total Phosphorus data.

In 2023, spring turnover phosphorus results returned to values typical for the area after elevated results noted in 2022 which were attributed to a storm event. All measured phosphorus concentrations were below Provincial Water Quality Monitoring Objectives for Protection Against Aesthetic Deterioration (10 µg/L) and Nuisance Algal Growth (20 µg/L), with the exception of a single August sample collected at STI-2. The spring phosphorous concentration and yearly mean values at STI-2 in 2023 were within the range of variability of long-term sampling. Average annual Secchi disk depth was within the long-term range of variability at STI-0 (2 – 6.25 m). **HESL recommends ongoing sampling to continue to monitor for long-term trends and emerging issues.**