



### Area Description:

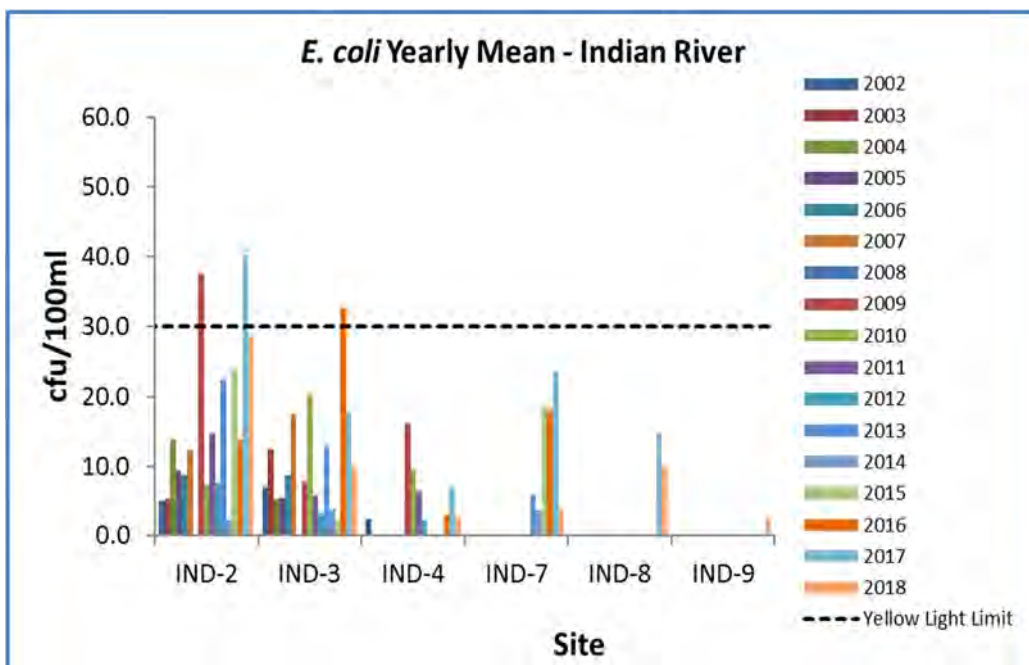
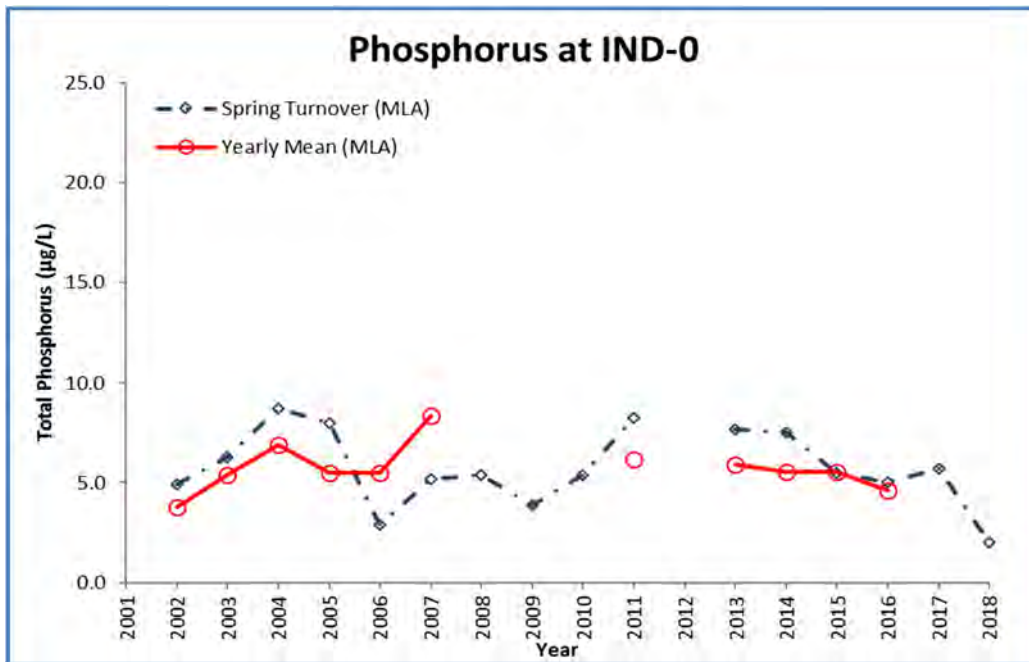
The Indian River flows from Lake Rosseau, through Port Carling and into Mirror Lake and Lake Muskoka. This highly developed area receives stormwater from the Port Carling urban centre. It also has high boat traffic, a locks system, marinas and many commercial and residential properties. A large lacustrine wetland is located adjacent to the river. Monitoring started in 2002. All stations shown may not be sampled each year.

**Volunteer Recognition: Susan Carson, Ian Turnbull, Dianne Turnbull and Randy Carson.**

## Indian River (IND)

2018 Water Quality Results: (Note: Hatched cell signifies not tested for in 2018)

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)	DOC Yearly Mean
		Spring Turnover	Yearly Mean			
IND-0	4.2	2.0				
IND-2				28.5	269.3	
IND-3				10.1	293.1	
IND-4				2.4	37.0	
IND-7		2.0	3.8	3.9	262.1	
IND-8		4.0		10	166.4	
IND-9		2.0		2.5	47.0	



## Summary and Recommendations:



The 2018 spring phosphorus concentration at IND-0 was the lowest recorded to date. Spring phosphorus results at IND-0 have generally been decreasing in the last 5 years. Only one spring phosphorus sample was collected in 2018, therefore no yearly mean could be calculated, and no value is reported for 2018. Spring phosphorus and yearly phosphorus mean values at IND-7 were the lowest recorded to date. Sites IND-8 and IND-9 were new in 2017 and show results consistent with the other sites in 2018 with low spring phosphorus. *E. coli* concentrations observed in 2018 remain below the MLA stoplight limits (details in report Section 3) at all stations. Secchi measurements also remain stable through sampling years, varying between 2.0 and 5.6. IND was given a green stoplight in 2018, changed from a yellow stoplight in 2017. **Beacon recommends that all sampling be continued to monitor long-term trends and *E. coli* levels.**