



2014 Water Quality Initiative Report





Area Description:

The Moon River is the main outlet of the Muskoka Watershed, flowing from Lake Muskoka to Georgian Bay. The river receives overland drainage from the Town of Bala and its urban area, including many roads and the developed shoreline. Approximately 12 creeks outlet into this sampling area, several of which drain wetlands.

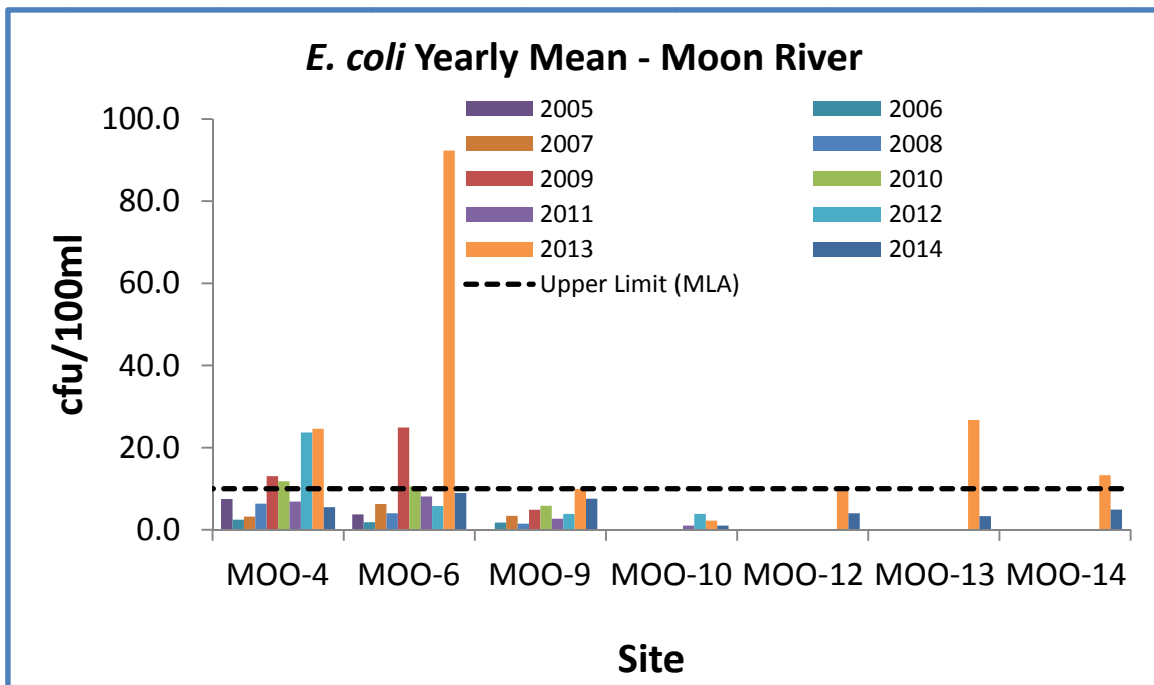
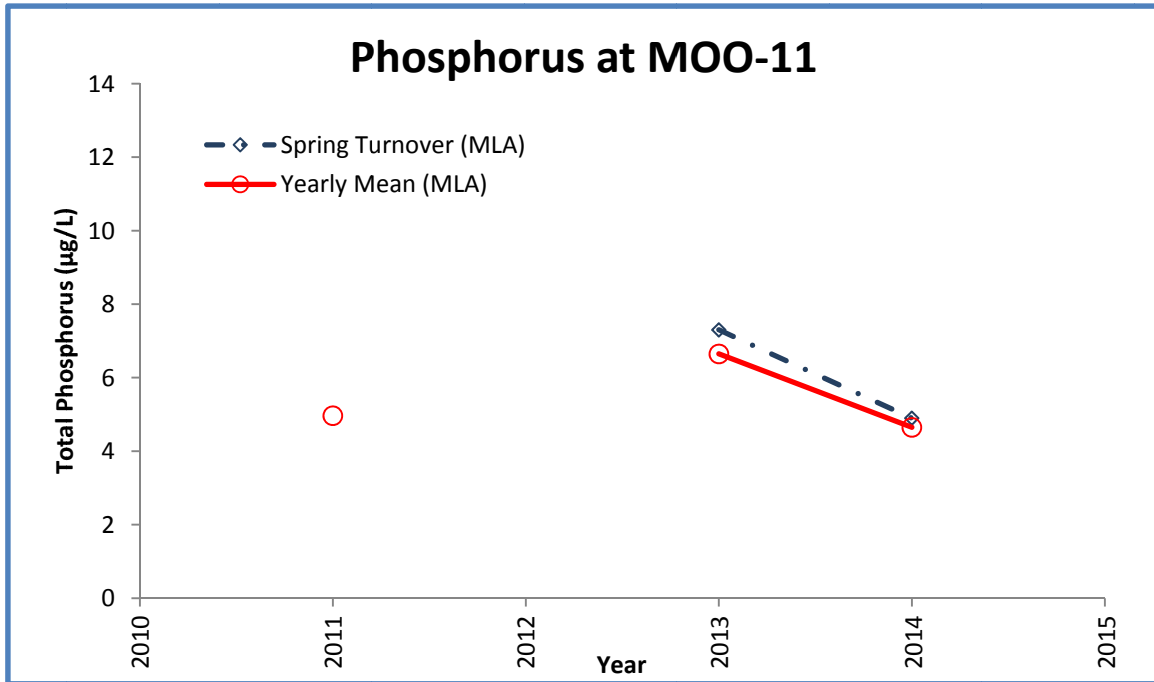
Volunteer Recognition: Bruno Polewski, Victoria Murphy, Tara Murphy, Anne Polewski and Bill Purkis.

Moon River (MOO)

2014 Water Quality Results: (Note: Hatched cell signifies not tested for in 2014)

Station	Mean Secchi Disk (m)	Total Phosphorus (µg/L)		<i>E. coli</i> Yearly Mean	Total Coliform Yearly Mean
		Spring Turnover	Yearly Mean		
MOO-1		6.4	5.4		1*
MOO-4		7.3	6.5	5.5	15.5
MOO-6		5.8	6.9	8.9	10.5
MOO-9		5.3	4.7	7.5	11
MOO-10		5.6	4.8	1*	1*
MOO-11	3.23	4.9	4.7	1*	1*
MOO-12		7.9	7.3	4	63.8
MOO-13		6.9	7.7	3.3	66.2
MOO-14		5.6	4.6	4.9	20

*indicates only 1 sample collected



Summary and Recommendations:

Phosphorus concentrations have remained generally consistent through the sampling years and generally low in 2014. *E. coli* levels were below the MLA upper limit and the 2013 *E. coli* results. Beacon recommends further investigation of MOO-6 in 2015 and recommends that all sampling be continued to monitor long-term trends.

