

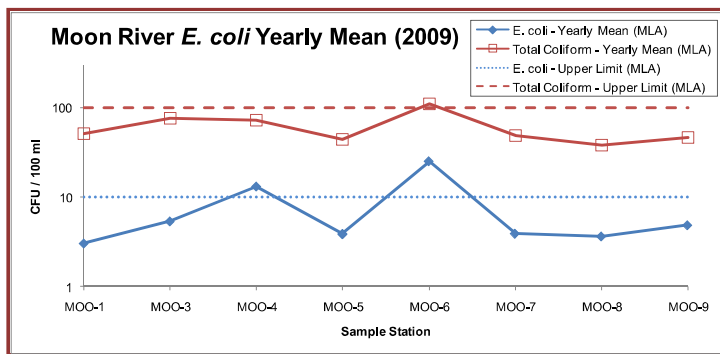


Area Description

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 draining wetland areas.

Volunteer Recognition

The Moon River was monitored in 2009 by Doug Ball, Carol Ball, Allen Bossin, Jane Bossin, Steve Burdick, Bruce Calder, Nancy Calder, Sandy Currie, Jon Gurr, Peter Hemming, Bob McTavish, William Niess, Clark Northcott, Bob Phillips, Walt Scott, Carol Sullivan, and Mike Webb.



Trends

Monitoring of the Moon River is focussed on total coliform and *E. coli*. In 2009, total coliforms were above the MLA upper Limit at Site 6. The same is true for *E. coli* which was above the MLA upper limit as well. Site-1 had the lowest total coliform and *E. coli* values of all sites in the Moon River.

2009 Data

MOO-1: Total coliforms=51 CFU/100 ml
Total *E. coli*=3 CFU/100 ml

MOO-3: Total coliforms=76 CFU/100 ml
Total *E. coli*=5 CFU/100 ml

MOO-4: Total coliforms=72 CFU/100 ml
Total *E. coli*=13 CFU/100 ml

MOO-5: Total coliforms=44 CFU/100 ml
Total *E. coli*=4 CFU/100 ml

MOO-6: Total coliforms=109 CFU/100 ml
Total *E. coli*=25 CFU/100 ml

MOO-7: Total coliforms=48 CFU/100 ml
Total *E. coli*=4 CFU/100 ml

MOO-8: Total coliforms=38 CFU/100 ml
Total *E. coli*=4 CFU/100 ml

MOO-9: Total coliforms=45 CFU/100 ml
Total *E. coli*=5 CFU/100 ml

Recommendations & Comments

- The Moon River drains the entire Muskoka River Watershed.
- Coliform values are within the expected range, with Sites 4, and 6 above the upper limit established by the MLA for total coliform and *E. coli*.
- Promote good shoreline stewardship, and provide detailed notes on land use adjacent to Sites 4, and 6 during 2010 sampling.