

## Anthony Genovese (SteenburgLake)

**From:** "Anthony Genovese (SteenburgLake)" <anthony.genovese@steenburglake.com>  
**Date:** October 22, 2012 5:17 PM  
**To:** <Newsflash@steenburglake.com>  
**Attach:** Report -South Steenburg Lake Rd - Mcyst3469.xls  
**Subject:** UPDATE: Blue-green algae in marsh draining into Steenburg Lake  
**Blue-Green Algae in Marsh around Steenburg Lake reported to be NON-TOXIC.**

We have received good news from the Ministry of the Environment (MOE).  
 We are hoping that the Blue Green Algae does not bloom again next year, and the SLCA will continue to observe the area.

If any of our members suspect a problem in that marsh, or in other waters around our lake, please let us know a.s.a.p.

Anthony.

The ELISA results for microcystins of the water samples submitted to the Bioassay Laboratory are tabulated below.

LIMS #	Location	Field Sample ID	Sampling Date	Present/ Absent	Total Microcystins Amount (µg/L or ppb)
C197894-0001	South Steenburg Lake Road at East Bay Rd	001	9-Oct-12	Absent	NDNEG

**Note 1:** ELISA can detect as low as 0.05 µg/L of Microcystin-LR. However, samples with microcystins less than 0.15 µg/L (1/10th of the MAC value for Microcystin-LR) are reported as 0.15 µg/L with the value qualifier "<MDL" in LIMS. Samples in which no microcystins are detected are reported as NDNEG

**Note 2:** ELISA is also sensitive to microcystin variants other than Microcystin-LR.

Ching Lo, PhD  
 Sr. Bioassay Scientist  
 416-235-6305  
[E-mail: ching.lo@ontario.ca](mailto:ching.lo@ontario.ca)

