

**Microcystin Report**  
**Project: Northeast Aquatic Research**

<u>Sample Identification</u>	<u>Site</u>	<u>Date Collected</u>
Lower Bolton Lake	St. 1	8/31/15

**Toxins – Microcystins (MC)****Sample Preparation**

The sample was ultra-sonicated to lyse cells and release toxins. The sample was analyzed in duplicate.

**Analytical Methodology**

A microcystins enzyme linked immunosorbent assay (ELISA) was utilized for the quantitative and sensitive congener-independent detection of MCs. The current assay is sensitive down to a LOD/LOQ of 0.15 µg/L for total MCs

**Summary of Results**

<u>Sample</u>	<u>MC Levels</u> (µg/L)
Lower Bolton Lake	<b>ND</b>
<i>Limit of Detection</i>	<i>0.15</i>

Microcystins were not detected in the Lower Bolton sample above 0.15 µg/L.

Submitted by:   
Mark T. Aubel, Ph.D.  
Date: 9/4/15