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**Date:** Fri, Jul 31, 2020 at 9:37 AM  
**Subject:** Microcystin toxin report for July 27, 2020  
**To:** lakezoar@gmail.com <lakezoar@gmail.com>

Here are this week's assay results for Microcystin levels at tested public beach sites. Samples were collected July 29, 2020, below or away from any floating bloom material. Results meet the assay kit's QC criteria.

The U.S. EPA and CT DPH currently advise a Microcystin threshold of 8.0 parts per billion (ppb;  $\mu\text{g/L}$ ) for recreational waters.

Thank you for participating in the WCSU Cyanobacteria Monitoring Program.

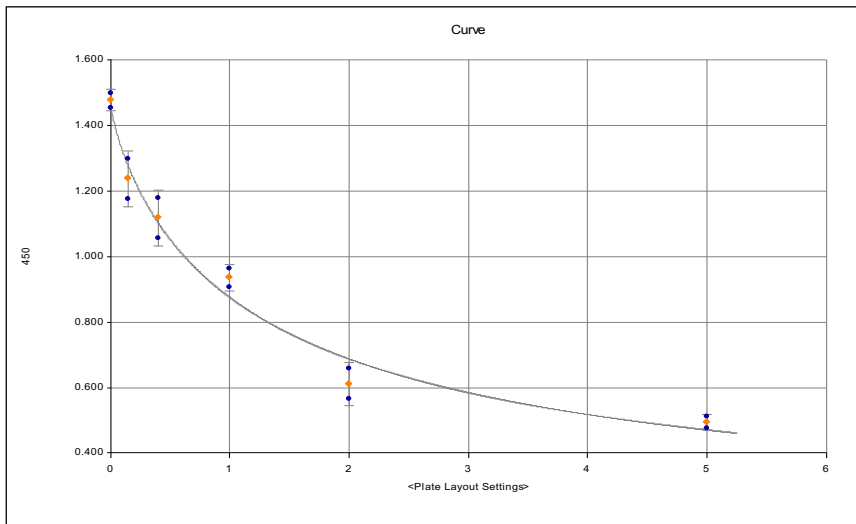
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**MCY Collected 07-29-2020 Assayed 07-30-2020**

Site	Mean Conc (ppb)
<b>Beseck</b>	<b>0.447</b>
<b>Brookfield</b>	<b>0.241</b>
<b>Danbury</b>	<b>0.304</b>
<b>Eichler's Cove</b>	<b>0.553</b>
<b>Jackson Cove</b>	<b>0.161</b>
<b>New Fairfield</b>	<b>0.155</b>
<b>New Milford</b>	<b>0.384</b>
<b>Sherman</b>	<b>0.351</b>

**EPA limit: 8 ppb**

**Standard Curve**



Curve Name	Curve Formula	A	B	C	D	R	R <sup>2</sup>
Curve	$Y = (A - D) / (1 + (X/C)^B) + D$	1.47	0.824	1.29	0.144	0.992	0.983