

From: **Ghada Hafez**<hafezg@wcsu.edu>  
Date: Sat, Jul 4, 2020 at 10:00 AM  
Subject: Microcystin toxin report for July 1, 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 1, 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.

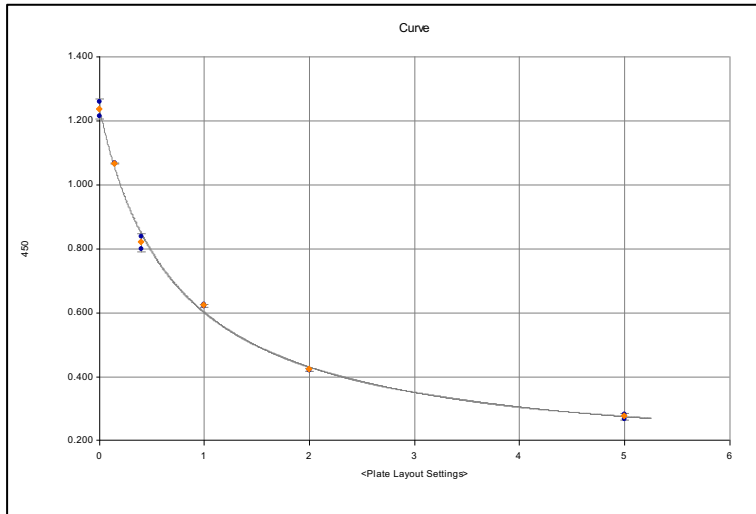
Edwin M. Wong, Ph.D., Molecular Biology  
Ghada Hafez, Ph.D.

Dept. of Biological & Environmental Sciences  
Western Connecticut State University  
Danbury CT 06810  
[wong@wcsu.edu](mailto:wong@wcsu.edu)

MCY Collected 07-01-2020 Assayed 07-03-2020

Site	Mean Conc (ppb)
Beseck	0.206
Brookfield	0.058
Danbury	0.074
Eichler's Cove	0.091
Jackson Cove	0.075
New Fairfield	0.076
New Milford	0.055
Sherman	0.044

Standard Curve



Curve Name	Curve Formula	A	B	C	D	R	R <sup>2</sup>
Curve	$Y = (A - D) / (1 + (X/C)^B) + D$	1.24	0.994	0.727	0.133	0.999	0.998