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Date: Fri, Aug 14, 2020 at 4:46 PM
Subject: Microcystin toxin report for August 14, 2020
To: Ghada Hafez <hafezg@wcsu.edu>
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Here are this week's assay results for Microcystin levels at tested public beach sites. Samples were collected August 13, 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.

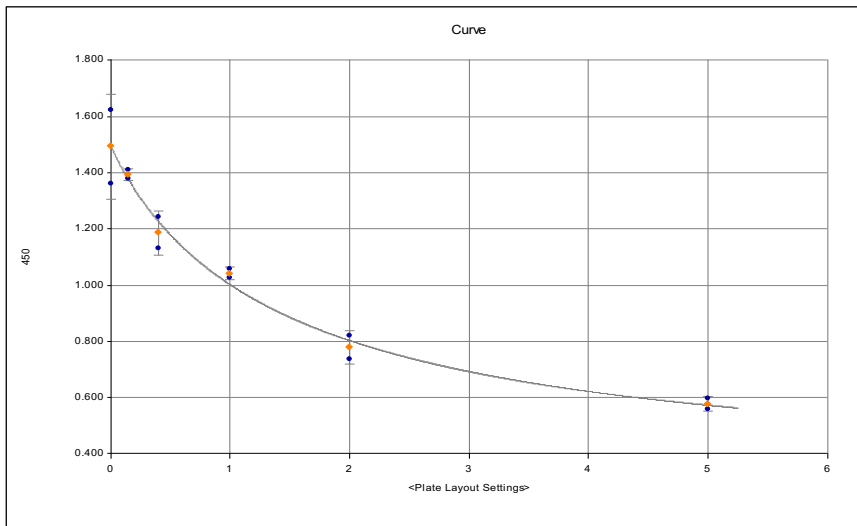
Ed Wong
Ghada Hafez
WCSU

MCY Collected 08-13-2020 Assayed 08-14-2020

Site	Mean Conc (ppb)
Beseck	0.214
Brookfield	0.313
Danbury	0.134
Eichler's Cove	2.018
Jackson Cove	0.536
New Fairfield	0.305
New Milford	0.034
Sherman	0.266

EPA limit: 8 ppb

Standard Curve



Curve Name	Curve Formula	A	B	C	D	R	R ²
Curve	$Y = (A - D) / (1 + (X/C)^B) + D$	1.5	0.955	1.47	0.286	0.997	0.993