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Date: Thu, Aug 20, 2020 at 3:03 PM
Subject: Microcystin toxin report for August 19, 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 19, 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.

Attached are also some nice photomicrographs from my student, Shafaq Hashmi. These samples were collected at Beseck Lake this week and show the diversity of cyanobacterial genera,

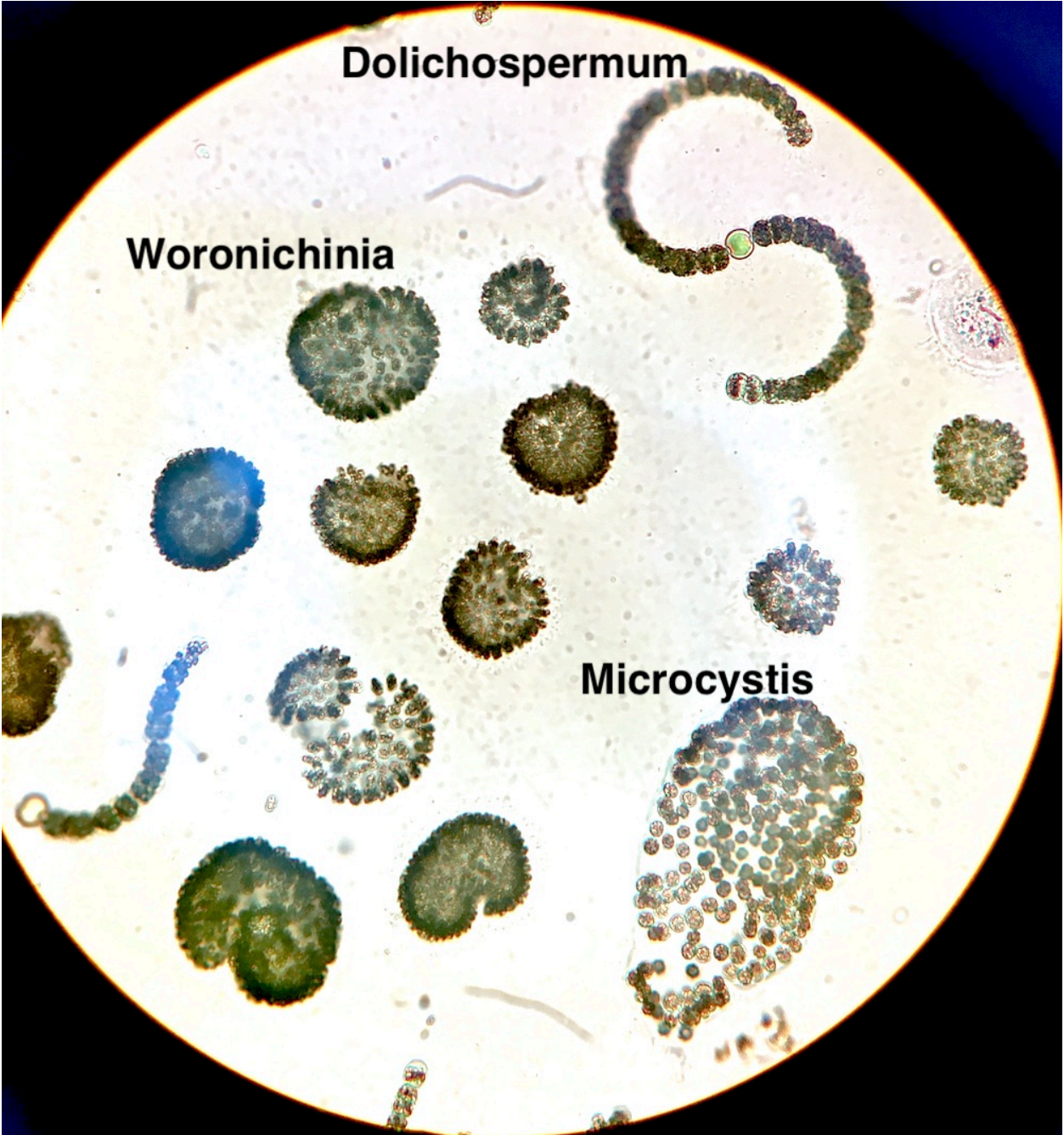
Thank you for participating in the WCSU Cyanobacteria Monitoring Program.

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MCY Collected 08-19-2020 Assayed 08-20-2020

Site	Mean Conc (ppb)
Beseck	0.078
Brookfield	0.103
Danbury	0.049
Eichler's Cove	2.534
Jackson Cove	4.139
New Fairfield	0.079
New Milford	0.062
Sherman	0.066

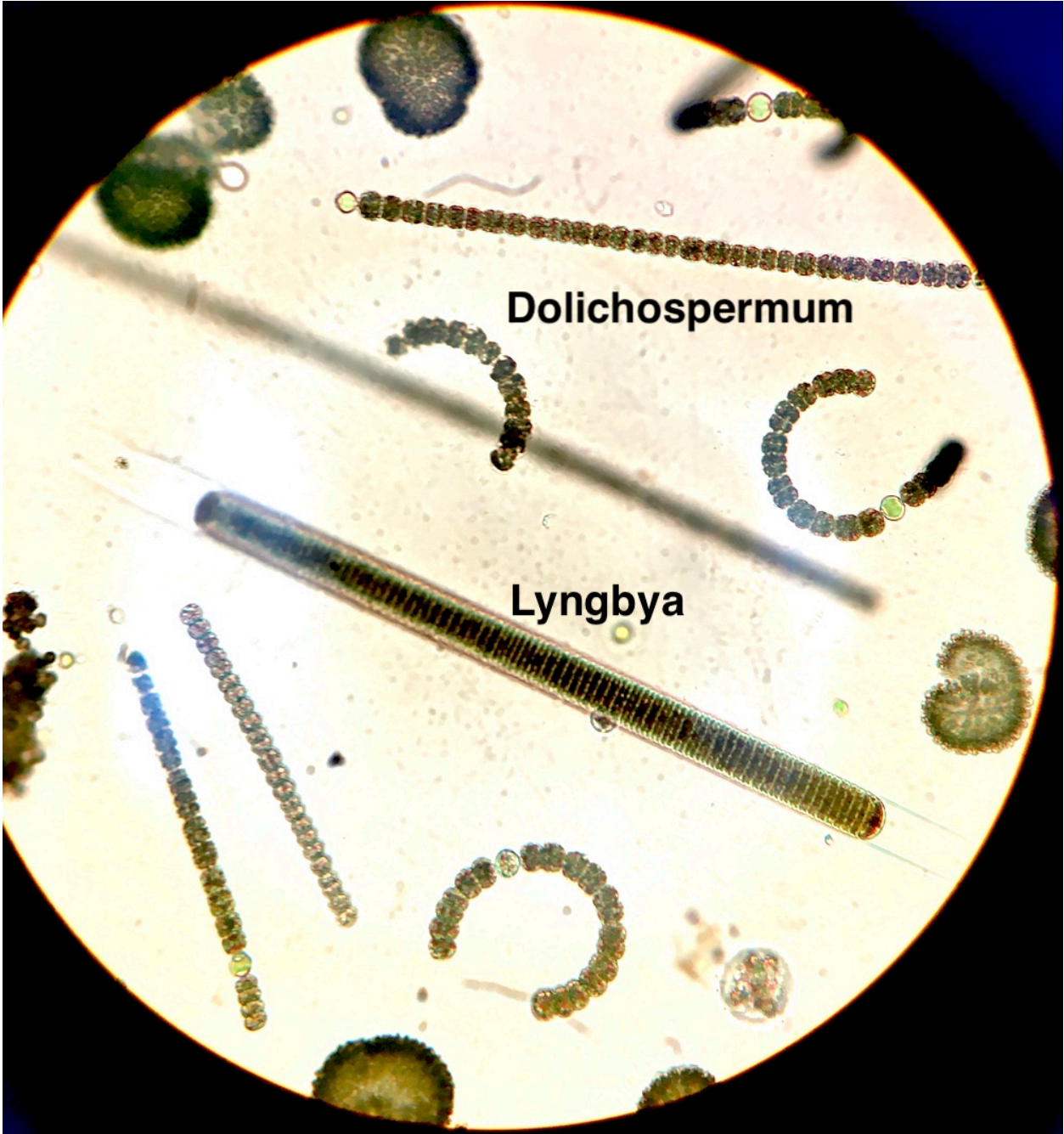
EPA limit: 8 ppb



Dolichospermum

Woronichinia

Microcystis



Dolichospermum

Lyngbya