

DES: Harmful Algal Bloom Program <des.hab@des.nh.gov>

To: Undisclosed Recipients

Tue, Oct 11, 2022 at 9:15 AM

Subject: NHDES removes Little Island Pond Cyanobacteria Advisory

Hi Everyone,

Thank you for the huge sampling effort from around the waterbody performed Sunday and Monday. I reviewed eight samples from around the lake. A sample collected on 10/7 had high densities of the cyanobacteria *Microcystis* and *Dolichospermum*, up to 355,800 cells/mL. If this aggregation had persisted, it would have been another advisory. By the round of sampling on Sunday / Monday, all seven samples had very low to no detectable bloom forming cyanobacteria present. Four samples didn't have any cyanobacteria present, and the remaining three had densities ranging from 67 cells/mL to 6,000 cells/mL (for reference, we issue advisories when cyanobacteria cell densities exceed 70,000 cells/mL). The low densities observed in these samples hopefully indicate that the cyanobacteria bloom observed on Friday has passed. However, cyanobacteria blooms are very dynamic events, so folks should continue to do visual assessments prior to recreation or letting pets swim in the water. Please reach out again if you observe future aggregations, and thank you all again for helping with the sampling effort.

Let me know if you have any questions.

Best,

Kate Langley Hastings

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