

News from the New Hampshire Department of Environmental Services

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Cyanobacteria Bloom Alert for Lake Winnepesaukee in Moultonborough, NH

Concord, NH- Cyanobacteria activity has been observed on Lake Winnepesaukee, in the southern portion of Salmon Meadow Cove. Cyanobacteria activity was first reported 9/12/22, but the observed aggregation dissipated quickly. It reappeared on 9/18/22 but dissipated again within a couple of hours. A sample from the briefly present bloom had a cyanobacteria cell density (*Microcystis*) of 139,000 cells/mL. The bloom material has not reappeared or persisted for any duration of time. Please continue to report changing cyanobacteria conditions (along with photos!) to HAB@des.nh.gov, and we will coordinate resampling as needed.

This message serves a local “Alert” for lake-goers to be on the lookout for accumulations of cyanobacteria, especially nearshore of the lake. Advisories are issued once samples are collected and cell concentrations of cyanobacteria are confirmed to exceed 70,000 cells/mL of lake water, if those samples continue to be representative of current conditions.

NHDES advises lake users to avoid contact with the water in areas experiencing elevated cyanobacteria cell conditions, also known as a bloom. NHDES also advises pet owners to keep their pets away from cyanobacteria blooms.

Cyanobacteria are natural components of water bodies worldwide, though blooms and surface scums may form when excess nutrients are available to the water. Some cyanobacteria produce toxins that are stored within the cells and may be released upon cell death. Toxins can cause both acute and chronic health effects that range in severity. Acute health effects include irritation of skin and mucous membranes, tingling, numbness, nausea, vomiting, seizures and diarrhea. Chronic effects may include liver and central nervous system damage. Be cautious of lake water that has a surface scum, changes colors, or appears to have green streaks or blue-green flecks aggregating along the shore.

Visit the NHDES Harmful Algal and Cyanobacteria Bloom Program website for photos and more information about cyanobacteria at: [Harmful Algal Blooms | NH Department of Environmental Services](#). Check out the [Beach Mapper](#) Website and follow the [Beaches Twitter](#) feed for updates on cyanobacteria advisories.

If you notice anything resembling cyanobacteria, please refrain from wading, swimming, or drinking the water. Keep all pets out of the water and contact NHDES immediately. Please call NHDES to report a cyanobacteria bloom at (603) 848-8094 or email HAB@des.nh.gov.

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