

## News from the New Hampshire Department of Environmental Services

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### Cyanobacteria Bloom Observed on Province Lake

Concord, NH- A cyanobacteria bloom has been observed on Province Lake in Effingham, NH. NHDES alerts lake-goers to be on the lookout for changing conditions and avoid contact with cyanobacteria.



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. **This is not an official advisory at this time.** 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.

For more information about cyanobacteria, please visit the NHDES website at:

[Harmful Algal Blooms | NH Department of Environmental Services](#)

Updates on cyanobacteria advisories may be obtained at:

[http://www4.des.state.nh.us/WaterShed\\_BeachMaps/WaterShed\\_BeachMaps.aspx](http://www4.des.state.nh.us/WaterShed_BeachMaps/WaterShed_BeachMaps.aspx)

Follow the Beaches twitter feed for current advisories and alerts:

[https://twitter.com/NHDES\\_Beaches](https://twitter.com/NHDES_Beaches)

*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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