

Cyanobacteria advisories are issued when cell concentrations exceed 70,000 cells/ml. Some cyanobacteria produce toxins that are stored within the cells and 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.

| Start Date | End Date | Type | Location | Notes |
|------------|-----------|----------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/6/2019 | 8/20/2019 | State Advisory | Mirror Lake | NHDES sampled on 8/6, samples contained Woronichnia, Microcystis and three varieties of Anabaena/Dolichospermum. Boat launch samples exceeded 1.3 million cells/ml. NHDES sampled on 8/19, samples contained 1,675 cells/ml of Microcystis and two varieties of Anabaena/Dolichospermum. |
| 8/12/2020 | 8/26/2020 | State Advisory | Lake Kanasatka | NHDES sampled on 8/12, Anabaena/Dolichospermum were observed from 25,000-79,000 cells/ml. NHDES sampled a few times between 8/19 and 8/26, cell counts ranged between 4,000-7,000 cells/ml. |
| 9/29/2020 | 10/9/2020 | State Advisory | Lake Kanasatka | NHDES sampled on 9/29. The sample contained varieties of Anabaena/Dolichospermum, Microcystis, Woronichinia, Aphanizomenon and Gloeotrichia in concentrations that ranged from 200,000 to 400,000 cells/ml. Samples collected on 10/6 were below the state threshold. |
| 8/4/2021 | 8/18/2021 | State Advisory | Lake Kanasatka | NHDES sampled on 8/4 and Dolichospermum were observed in concentrations up to 775,000 cells/ml. Weekly sampling was conducted. NHDES sampled on 8/17 and concentrations decreased to 700-5,500 cells/ml. |
| 8/12/2021 | 8/20/2021 | State Advisory | Mirror Lake | NHDES sampled on 8/12, samples contained Dolichospermum in concentrations up to 115,000 cells/ml. NHDES sampled on 8/20, the samples contained no cyanobacteria. |
| 9/13/2021 | 9/20/2021 | State Advisory | Lake Kanasatka | NHDES sampled on 9/12 and Dolichospermum were observed in concentrations up to 500,000 cells/ml. NHDES sampled on 9/21 and cell concentrations ranged from 3,000-10,750 cells/ml. |
| 8/9/2021 | 8/13/2021 | Observation | Pine Island | Gloeotrichia observed throughout the water column |
| 8/9/2021 | 8/13/2021 | Observation | The Broads | Gloeotrichia observed throughout the water column |
| 8/9/2021 | 8/13/2021 | Observation | Bear Island | Gloeotrichia observed throughout the water column |

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| 8/9/2021 | 8/13/2021 | Observation | Wolfeboro Bay | Gloeotrichia observed throughout the water column |
| 8/9/2021 | 8/20/2021 | Observation | Winter Harbor | Gloeotrichia observed throughout the water column |
| 8/16/2021 | 8/20/2021 | Observation | Greene's Basin | Gloeotrichia observed on the surface of the water column |
| 8/23/2021 | 8/27/2021 | Observation | Governor's Island | Gloeotrichia observed throughout the water column. DES sample cell count was approx. 200 cells/ml |
| 8/23/2021 | 8/27/2021 | Observation | Chase Island | Gloeotrichia observed on the surface of the water column |
| 8/23/2021 | 8/27/2021 | Observation | Glendale Docks | Gloeotrichia observed by DES near the Marine Patrol docks. DES sample cell count was approx. 40,000 cells/ml. |
| 8/23/2021 | 8/27/2021 | Observation | Chestnut Cove | Gloeotrichia observed on the surface of the water column |
| 9/6/2021 | 9/10/2021 | Observation | 19 Mile Bay | Gloeotrichia observed on the surface of the water column near the 19 Mile Bay Docks |
| 9/20/2021 | 9/24/2021 | Observation | Ash Cove | Gloeotrichia observed throughout the water column |
| 9/20/2021 | 9/24/2021 | Observation | Saunder's Bay | Mix of green filamentous algae and cyanobacteria spotted in the middle of the water column in Sanders Bay |
| 11/8/2021 | 11/12/2021 | Observation | Greene's Basin | Possible ID of Microcystis and/or Dolichospermum |