

Location	Type	Notes	Start Date	End Date	Latitude	Longitude
Green's Basin	Observation	NHDES reviewed a sample on 5/26. Sample contained Dolichospermum (2,034 cells/mL) and Microcystis (200 cells/mL).	5/25/2022	5/27/2022	43.718767	-71.410101
Dolly Island	Observation	Cyanobacteria observed on Dolly Island. No sample was obtained.	6/26/2022	6/27/2022	43.633643	-71.40933
Opechee Bay	Advisory	Dense accumulations of thick green and blue swirls were observed on 6/23. NHDES collected and reviewed samples on 6/27 which contained Dolichospermum (76,133 cells/mL).	6/27/2022	7/1/2022	43.557528	-71.478822
Sally's Gut	Observation	Cyanobacteria observed in Sally's Gut. No sample was obtained.	6/28/2022	6/29/2022	43.633421	-71.439496
Fish Cove	Observation	Cyanobacteria observed in Fish Cove. No sample was obtained.	6/28/2022	6/29/2022	43.64336	-71.437374
Tommy's Cove	Observation	Cyanobacteria observed in Tommy's Cove. No sample was obtained.	6/28/2022	6/29/2022	43.636288	-71.428743
Round Cove	Observation	Cyanobacteria observed in Round Cove. No sample was obtained.	6/28/2022	6/29/2022	43.642053	-71.432313
Kinneho/Breezy Island	Observation	Cynobacteria observed on Kinneho/Breezy Island. NHDES analyzed and reviewed samples on 6/29 which contained Dolichospermum (41,960 cells/mL)	6/29/2022	6/30/2022	43.616113	-71.368

Bear Island	Observation	Cyanobacteria observed on the west side of Bear Island. No sample was obtained.	6/29/2022	7/1/2022	43.643892	-71.405419
Ellacoya State Park	Advisory	Dense accumulations of green clouds have appeared around parts of the shoreline. NHDES collected and reviewed samples on 6/29 which contained Dolichospermum (199,733 cells/mL).	6/30/2022	7/1/2022	43.575772	-71.354814
Jockey Cove	Advisory	Dense accumulations of green clouds have appeared around parts of the shoreline. NHDES collected and reviewed samples on 6/29 which contained Dolichospermum (414,667 cells/mL).	6/30/2022	7/1/2022	43.578613	-71.23851
Paugus Bay	Observation	Thick, black sludge-like shoreline conditions were observed on 8/2. LWA collected and NH DES reviewed samples on 8/1 which contained primarily green filamentous algae mixed with some of the benthic cyanobacteria Stigonema.	8/1/2022	8/24/2022	43.570444	-71.459203

Winnepesaukee River	Alert	Cyanobacteria observed in the Winnepesaukee River, South of Ayers Dam. LWA collected and NHDES reviewed the sample on 8/25 which contained the cyanobacteria Phormidium and Anabeana, with densities too numerous to count. An alert was issued on 8/25.	8/23/2022	8/31/2022	43.526799	-71.468004
Parker Island	Observation	Gloeotrichia observed between Tips Cove, Umbrella Point and Parker Island. No sample was obtained.	8/24/2022	8/31/2022	43.575382	-71.257368
Lake Kanasatka	Advisory	Cyanobacteria observed on Lake Kanasatka. The advisory was put into place on 8/29 and has not been removed. NHDES reviewed samples on 9/11 which contained Dolichospermum, Microcystis and Aphanizomenon (177,420 cells/mL)	8/29/2022	11/17/2022	43.72607	-71.454231
Chase Island	Observation	Gloeotrichia observed on Chase Island. No sample was obtained.	8/29/2022	8/31/2022	43.650387	-71.288496
The Broads	Observation	Gloeotrichia observed in The Broads. No sample was obtained.	8/29/2022	8/31/2022	43.589024	-71.324043
Ragged Island	Observation	Gloeotrichia observed on Ragged Island. No sample was obtained.	8/31/2022	8/31/2022	43.629882	-71.326204
Cow Island	Observation	Gloeotrichia observed on Cow Island. No sample was obtained.	8/31/2022	8/31/2022	43.633294	-71.30629

19 Mile Bay	Observation	Gloeotrichia observed in 19 Mile Bay. No sample was obtained.	8/31/2022	8/31/2022	43.650166	-71.277333
West Bear Island	Advisory	Cyanobacteria observed around Bear, Pine and Three Mile Islands. NHDES reviewed samples on 9/13 which contained Gloeotrichia (100,000 cells/mL) and Dolichospermum (16,000 cells/mL).	9/13/2022	9/20/2022	43.666233	-71.418033
Spectacle Island	Alert	Stigonema observed NW of Spectacle Island in Moultonborough Bay. NHDES issued an alert for the area on 9/8. This type of cyanobacteria is appearing as thick black masses along the shoreline. No sample was obtained.	9/8/2022	9/12/2022	43.666521	-71.351519
Salmon Meadow Cove	Alert	Cyanobacteria activity was reported to NHDES on 9/12 but the aggregation dissipated quickly. It reappeared on 9/18 and dissipated within a few hours. NHDES reviewed samples on 9/19 which contained Microcystis (139,000 cells/mL) and an alert was issued on 9/19. The bloom material has not reappeared or persisted since the second appearance on 9/18.	9/12/2022	9/19/2022	43.702988	-71.417234

Long Island	Observation	Benthic cyanobacteria observed between Moultonborough Neck and Long Island. No sample was obtained.	9/8/2022	9/12/2022	43.667024	-71.352227
Black Cat Island	Observation	Cyanobacteria observed near the southern tip of Black Cat Island. NHDES reviewed samples on 10/3 which contained Tolypothrix, a benthic cyanobacteria (too dense to enumerate). LWA collected and reviewed samples on 10/15 which contained Anabeana, also benthic.	9/27/2022	10/15/2022	43.681244	-71.420441
Across from Clark's Landing	Observation	Cyanobacteria observed across from Clark's Landing in Moultonborough on 10/25. LWA reviewed samples on 10/26 which contained Microcystis, Dolichospermum planctonicum, Dolichospermum lemmermannii and Woronchinia.	10/25/2022	10/26/2022	43.705230	-71.353284