






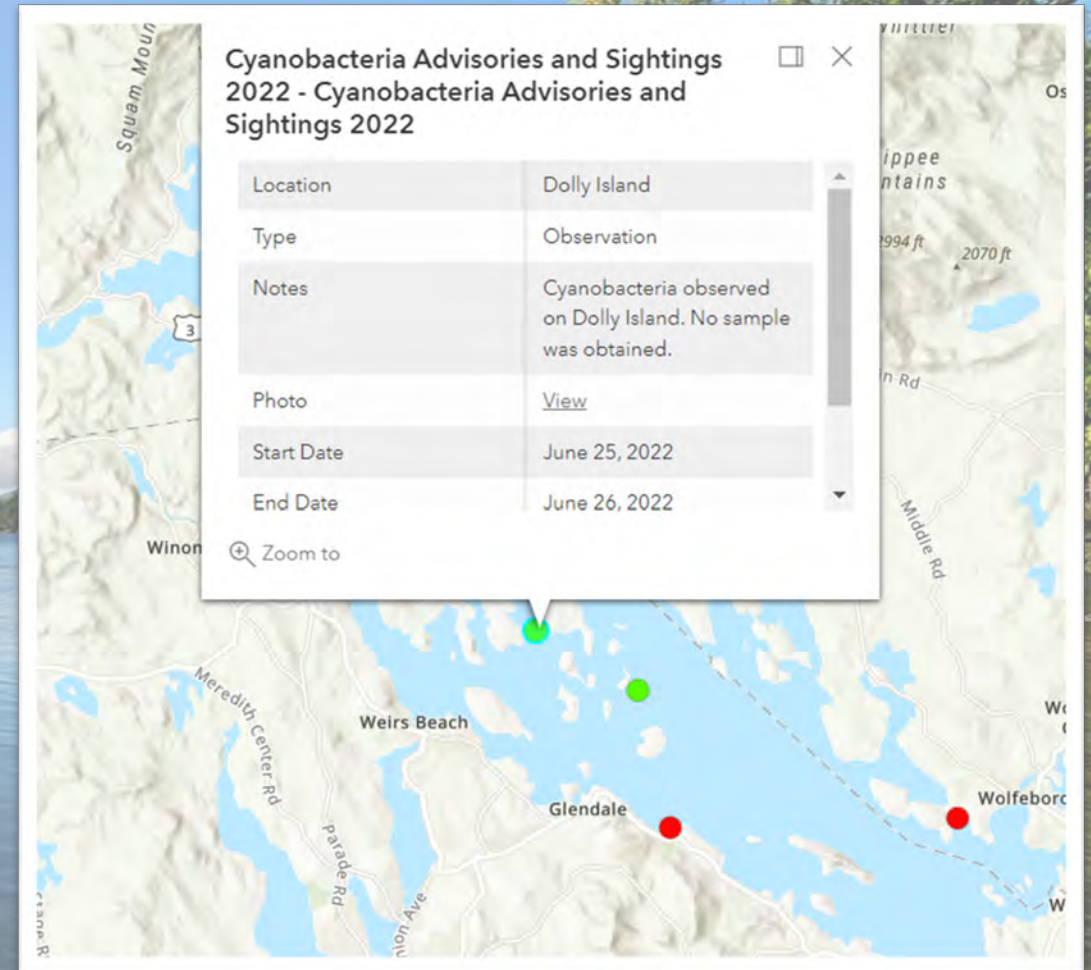
Lake Winnepesaukee Association

Keep Winni Blue



Weekly Report Card and Cyanobacteria Map

-  To track advisories and sightings
-  2021: 14 observations/0 advisories
-  2022: 6 observations/3 advisories



Cyanobacteria Advisories and Sightings 2022 - Cyanobacteria Advisories and Sightings 2022

Location	Dolly Island
Type	Observation
Notes	Cyanobacteria observed on Dolly Island. No sample was obtained.
Photo	View
Start Date	June 25, 2022
End Date	June 26, 2022

Zoom to

Cyanobacteria and Harmful Algal Blooms

If you suspect that a waterbody is experiencing a cyanobacteria bloom please notify LWA and NH DES.

The map linked below indicates Cyanobacteria advisories and sightings in the Lake Winnepesaukee watershed. The report card summarizes key information that can have an influence on cyanobacteria. The report card is updated on a weekly basis and the map is updated as needed.

For more information about Cyanobacteria, to report a harmful algal bloom or to log pictures of your sightings (bloomWatch) please use the links below:



Reporting Information

- [Report a Bloom](#)
- [Bloom Watch](#)

Additional Resources

- [Common Cyanobacteria of New England](#)
- [What are Algal Toxins?](#)
- [State Warns of Late Season Blooms](#)
- [What is Gloeotrichia?](#)

Lake Winnepesaukee Report Card

WATER TEMP (F)  69.0	CYANO ADVISORIES NONE
LAKE LEVEL (FT) 503.82 	SUMMARY The three advisories that were put in place by NHDES last week on Opechee Bay, Eliacoya Beach and Jockey Cove have been removed. Keep an eye on your shorelines for cyanobacteria. If you suspect cyanobacteria please take a picture, record the date/time and send the info to LWA and NHDES!

Updated 7/08/2022



Who Should You Contact to Report a Bloom?

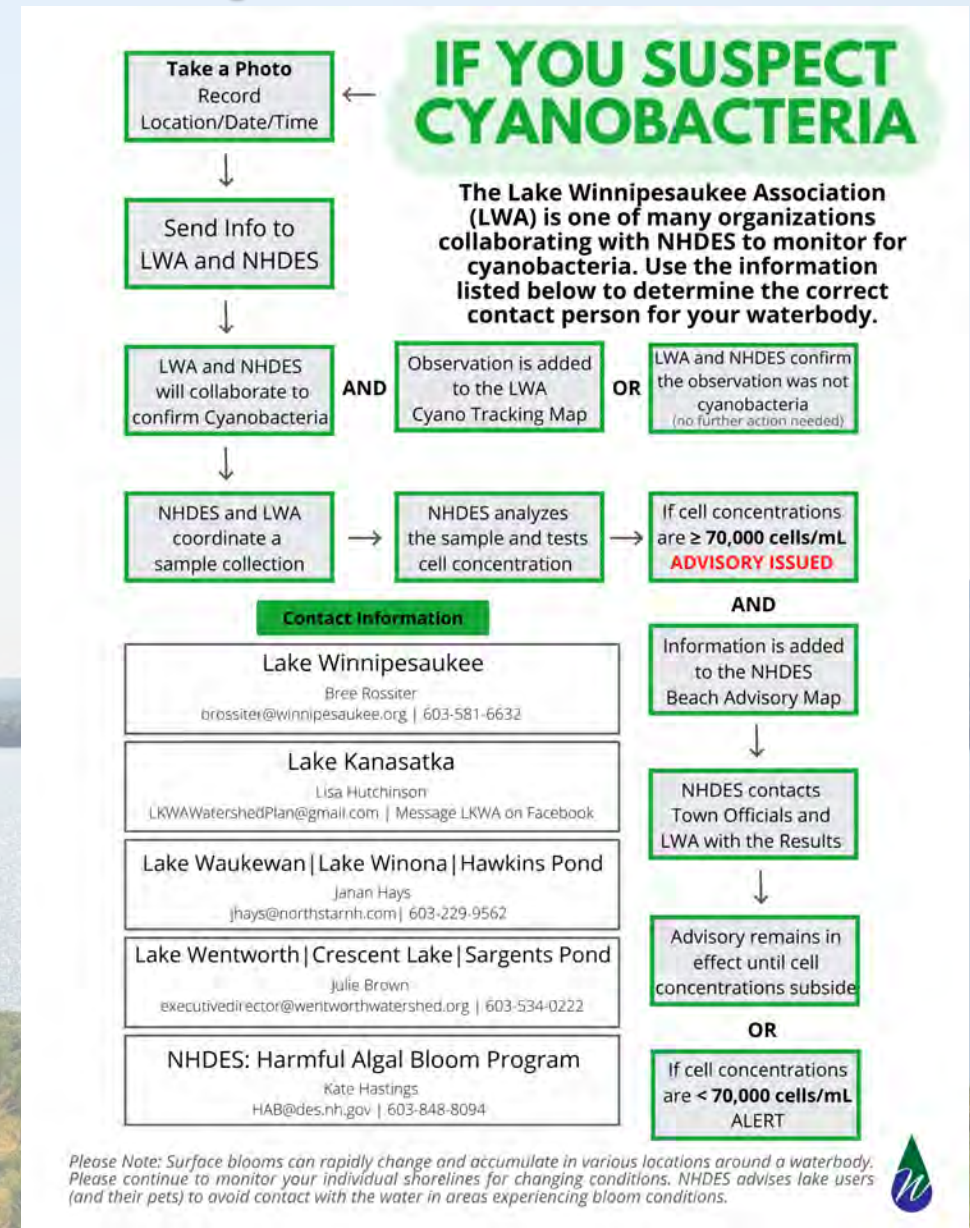
1. Take a Photo
2. Record the Location/Day/Time
3. Send Info to LWA and NHDES

NHDES HAB Hotline: (603) 848-8094

NHDES HAB Email: HAB@des.nh.gov

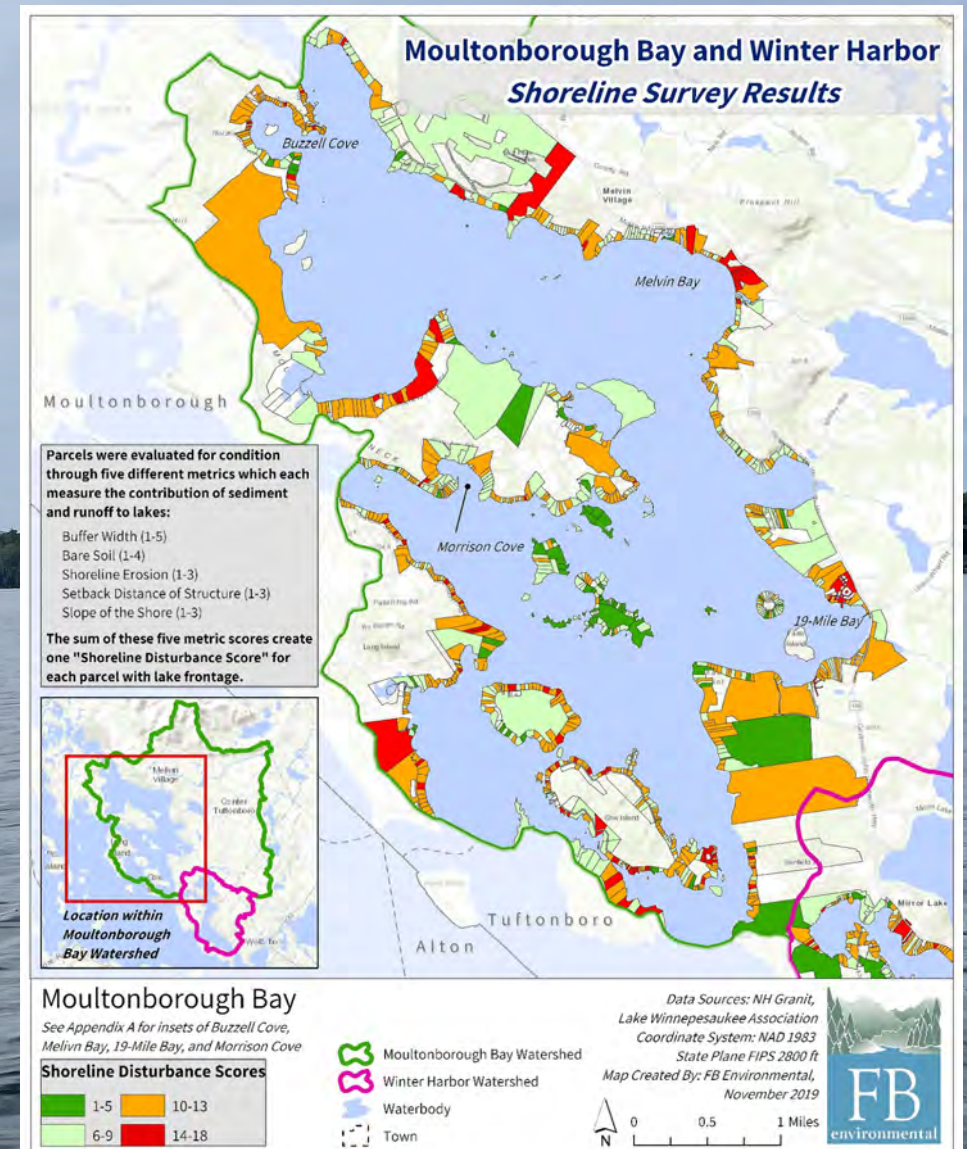
LWA Call/Text: (603) 581-6632

Email: brossiter@winnipesaukee.org



Local Example: Town of Moultonborough

- 2017: MBI Watershed Restoration Plan
- 2020: MB WMP
- Shoreline Survey Results (10+)
- MBI: 336/556 Parcels
- MB: 717/1012 Parcels
- Indicated shoreline conditions for those parcels may be detrimental to water quality



Another Local Example: Lake Kanasatka

💧 Increase in bloom occurrence and severity in recent years

💧 Watershed Management Plan

💧 Winni Blue & LakeSmart Program

💧 Updated on their website and LKWA FB page



Be Winni Blue & LakeSmart

- Free, voluntary, non-regulatory evaluation to determine how lake-friendly your property is
- Simple, cost-effective recommendations
- Evaluation sections include:
 - Driveway and Parking Areas
 - Structures and Wastewater Treatment
 - Yard and Footpaths
 - Shoreline and Water Access





Be Winni Blue & LakeSmart

• Step One: Take the Self-Assessment

• Step Two: Receive a PDF with General Recommendations of Lake Friendly Practices

• Step Three: Request a Site Visit

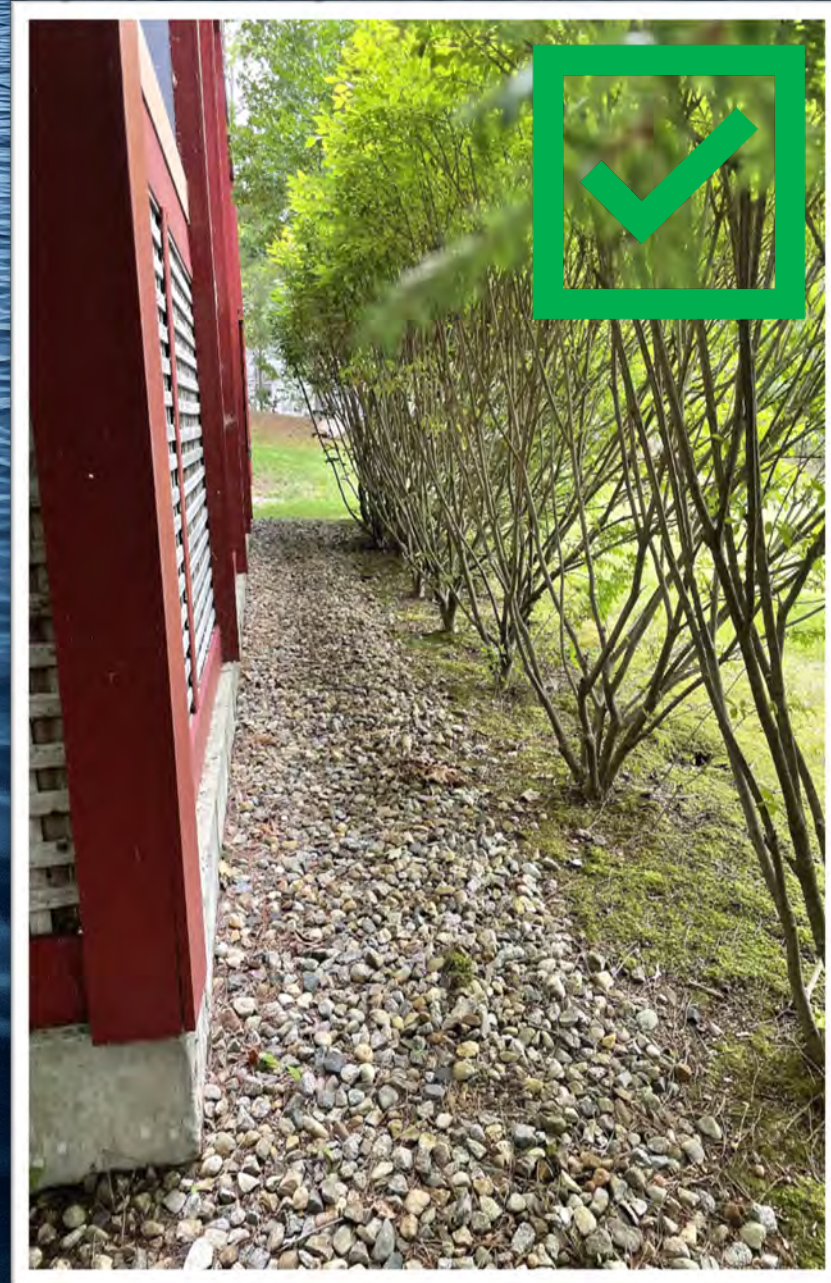
• Step Four: Receive a PDF with Property Specific Recommendations

<https://www.winnipesaukee.org/take-action/>

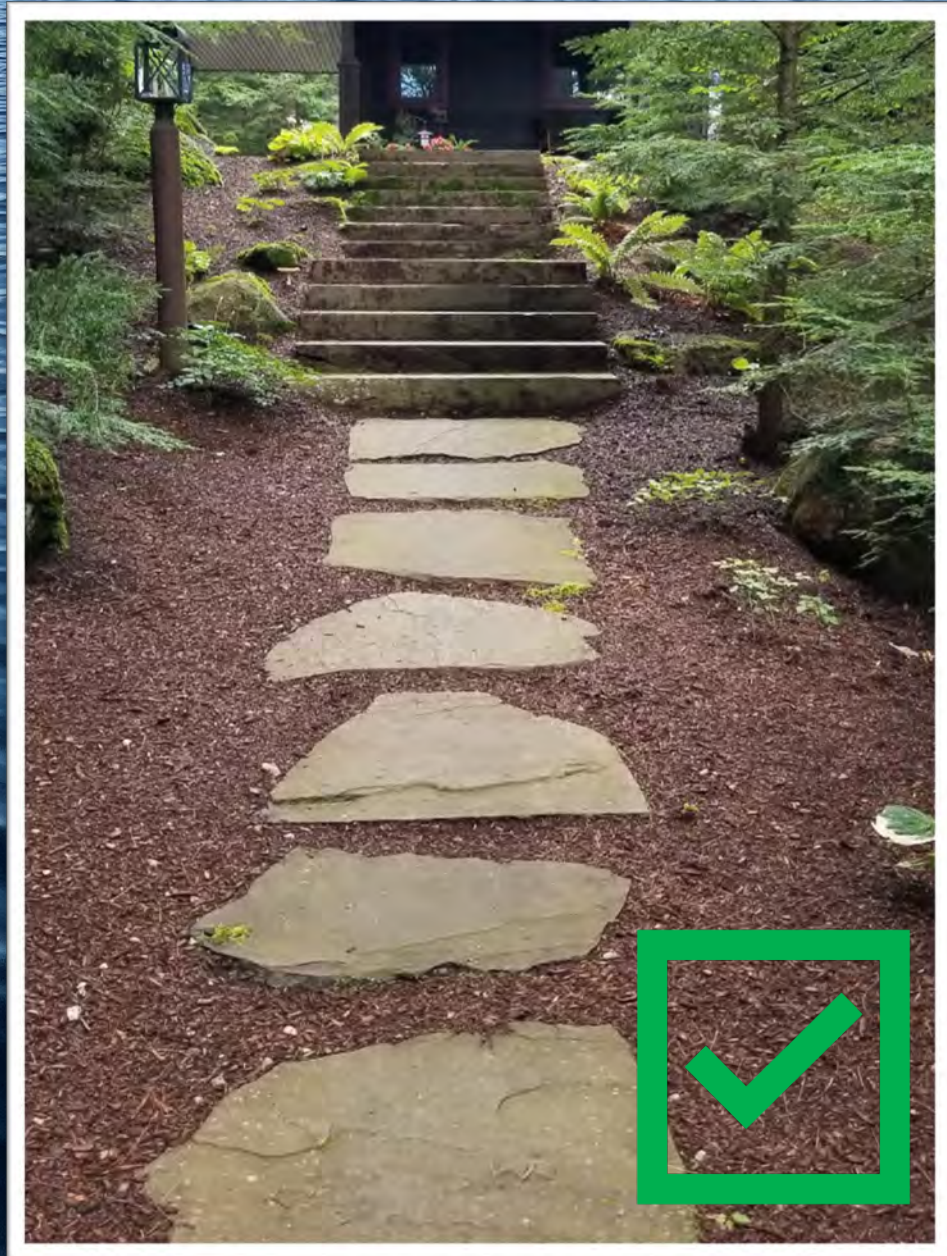
Driveway and Parking Areas



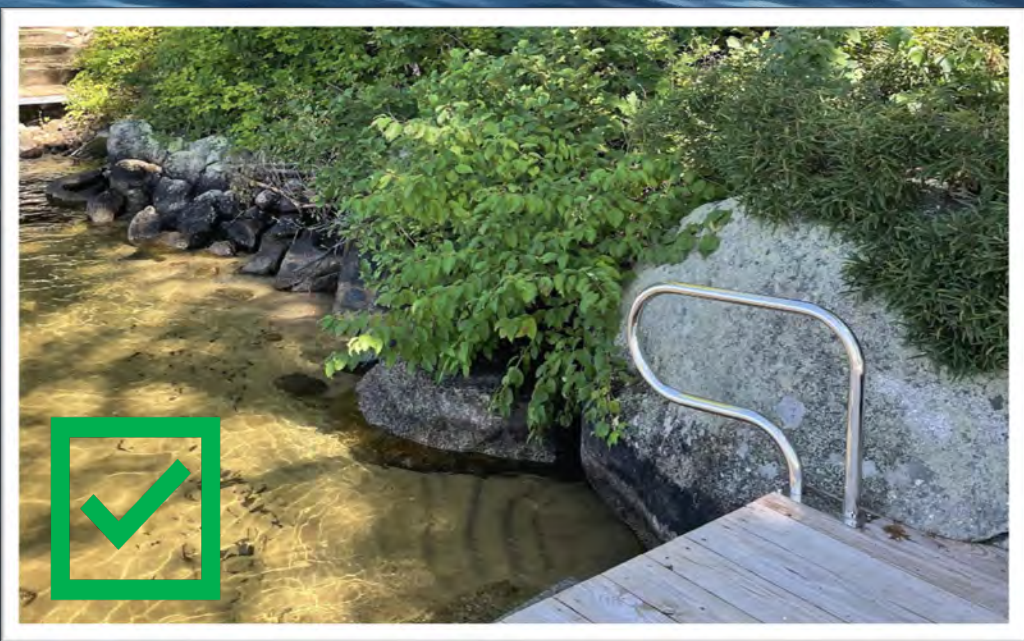
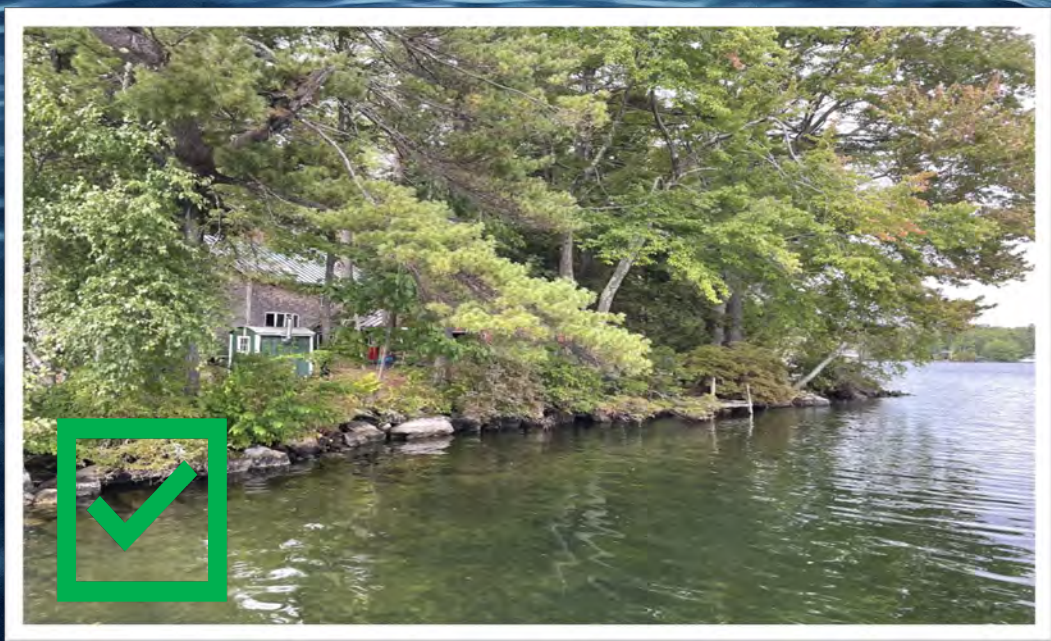
Structures and Septic Systems



Yard, Recreation Areas and Footpaths



Shoreline and Water Access



Contact Information

Bree Rossiter

Conservation Program Manager

Lake Winnepesaukee Association

brossiter@winnepesaukee.org

(603) 581-6632

Cyanobacteria Guidance Document

IS THAT CYANOBACTERIA?

PLEASE HELP US IDENTIFY POTENTIAL BLOOM FORMATIONS IN OUR WATERBODIES!



Stigonematales



Dolichospermum



Microcystis



Oscillatoria



Woronichinia



Gloeotrichia

Are you seeing something different than the pictures above? Filamentous algae, pollen and didymo can sometimes be confused with cyanobacteria.



Filamentous Algae



Pollen



Didymo/Rock Snot

Please note that not all cyanobacteria blooms look alike and are often mixed in with pollen or other algae. This document is to be used for general guidance only. If you suspect a bloom please stay out of the water. NHDES advises lake users and their pets to avoid contact with the water in areas experiencing elevated cyanobacteria cell counts.

IF YOU SUSPECT CYANOBACTERIA

Take a Photo
Record
Location/Date/Time

Send Info to
LWA and NHDES

LWA and NHDES
will collaborate to
confirm Cyanobacteria

NHDES and LWA
coordinate a
sample collection

Observation is added
to the LWA
Cyano Tracking Map

LWA and NHDES confirm
the observation was not
cyanobacteria
(no further action needed)

NHDES analyzes
the sample and tests
cell concentration

If cell concentrations
are $\geq 70,000$ cells/mL
ADVISORY ISSUED

Information is added
to the NHDES
Beach Advisory Map

NHDES contacts
Town Officials and
LWA with the Results

Advisory remains in
effect until cell
concentrations subside

If cell concentrations
are $< 70,000$ cells/mL
ALERT

Contact Information

Lake Winnepesaukee
Bree Rossiter
brossiter@winnepesaukee.org | 603-581-6632

Lake Kanasatka
Lisa Hutchinson
LKWAWatershedPlan@gmail.com | Message LKWA on Facebook

Lake Waukegan | Lake Winona | Hawkins Pond
Janan Hays
jhays@northstarnh.com | 603-229-9562

Lake Wentworth | Crescent Lake | Sargents Pond
Julie Brown
executivedirector@wentworthwatershed.org | 603-534-0222

NHDES: Harmful Algal Bloom Program
Kate Hastings
HAB@des.nh.gov | 603-848-8094

Please Note: Surface blooms can rapidly change and accumulate in various locations around a waterbody.