

## History of Algae Reports Lake Massapoag, Summer & Fall 2021

<b>Summer</b>	<b>Town Reporting on Algae and State Cyanobacteria Testing</b>
8/23/21	Algae is "day to day." Beaches officially closed for season with end of lifeguards. Do not swim if algae visible. Swim at your own risk.
8/21/21	Visible algae, VMPB: beach closed.
8/11/21	Visible algae, CCB closed early for the season; pass holders can use VMPB.
8/10/21	Visible algae, CCB, BL: closed.
8/6/21 pm	Visible algae, CCB: beach closed.
8/6/21 am	Algae not visible. VMPB, CCB, BL open.
8/4/21	Visible algae, left and came back, CCB, BL, and east end of VMPB closed.
8/3/21 pm	Visible algae, BL, VMPB: also closed.
8/3/21 am	Visible algae, CCB: beach closed.
7/28/21	Visible algae, CCB, BL: remain closed. VPMB reopens.
7/28/21	<b>Update: Based on this information, MDPH recommends the following:</b> <ul style="list-style-type: none"> <li>• Lift the advisory at VMPB and other access points on the northern half of the lake</li> <li>• Maintain the advisory at CCB and other access points to the southern portion of the lake while there continues to be visible cyanobacteria</li> </ul>
7/27/21	MPH Testing, Low levels: 7,000 (VMPB) and 6,800 (CCB) cells/ml (action level: 70,000 cells/ml). Microcystin < 1 ppb (Probability adverse health effects, low 2-4 ppb, high 20 ppb)
7/20/21	MPH Testing, Low levels: 8,100 (VMP) and 6,900 (CCB) cells/ml (action level: 70,000 cells/ml). Microcystin < 1 ppb (Probability adverse health effects, low 2-4 ppb, high 20 ppb)
7/19/21	Update: On 7/15 algae was noted as a visible scum mat on one side and also visible on the other side by Rec Dept. staff, the lake was surveyed and more areas were found.
7/17/21	Algae not visible from shore or along shoreline.
7/16/21	Algae starting to dissipate.
7/15/21	Visible algae, Rec Dept. staff. Entire lake closed to all activities, until two weekly successive tests by MA DPH find cyanotoxin levels below the allowed limits. Testing 7/20 and 7/27, so soonest reopening would be 7/28 afternoon.

Source: Town website, <https://www.townofsharon.net/home/news/lake-massapoag-update>

Abbreviations: Veteran's Memorial Park Beach (VMPB); Community Center Beach (CCB); Boat launch (BL), Massapoag Yacht Club (MYC).

<b>Fall</b>	<b>BloomWatch Reporting on Algae (by Sharon residents)</b>
10/15/21	Visible algae, CCB, M
10/12/21	Visible algae, VMPB, L
10/9/21	Visible algae, MYC, M
10/3/21	Visible algae, East side & throughout Lake, XL
10/3/21	Visible algae, VMPB, L
9/29/21	Visible algae, East side, S
9/28/21	Visible algae, CCB, L
9/25/21	Visible algae, MYC, L

Source: BloomWatch app (EPA), <https://cyanos.org/bloomwatch/>, compiles reports and photos from community residents. Filter Region=MA or select on map to see Lake Massapoag reports.

Size key: S = <car, M= car -> tennis court, L= tennis court -> football field, XL = > football field.