



BIOLOGIST:
COLIN GOSSELIN
C: (508) 259-3153
COLIN@WATERANDWETLAND.COM

CALL/TEXT WITH ANY QUESTIONS!



FIELD NOTES SUMMARY

Customer: Wedge Pond

Site Location: Winchester, MA

Date: 5/25/22, 2:54 PM

Observations / Notes: On May 25th, Senior Environmental Scientist/Co-Owner, Colin Gosselin, completed a site visit to Wedge Pond. The visit consisted of performing a survey/inspection, and collecting basic water quality. Conditions during the visit were sunny with a slight breeze.

Upon arrival, a survey was conducted using visual observation paired with a standard throw-rake. Scattered curly-leaf pondweed (invasive) were observed around the shoreline. While on-site, basic water quality was collected using calibrated meters. The water temperature was consistent with other similar waterbodies we manage in the area, and the dissolved oxygen was sufficient to support fish and wildlife. Water clarity was also assessed using a Secchi disk. A Secchi disk is a disk with alternating black and white quadrants. It is lowered into the water of a lake until it can no longer be seen by the observer. This depth of disappearance, called the Secchi depth, is a measure of the transparency of the water. The Secchi reading was 6', which is fairly good for Wedge Pond, and there were no visible signs of an algae bloom.

In an effort to provide proactive algae control, in June a treatment for the control of algae will be performed. We tentatively have this scheduled for June 23rd. The Pond will be visually inspected prior to treatment and the Town will be notified in advance. Our treatment program calls for the use of EarthTec copper based algaecide. EarthTec allows for more proactive application than traditional copper based algaecides given its ability to stay within the water column for extended periods of time. The product label limits application to one-half of the waterbody. Given this, half the Pond will be treated during the June treatment. The treatment will be applied from a treatment boat equipped with a calibrated sub-surface injection system. Captain XTR algaecide may be incorporated into the treatment for control of filamentous algae mats.

Please let us know if you have any questions.

Water & Wetland, LLC
Upton, MA
(888) 4WETLAN(D)
www.waterandwetland.com

Pond	Surface Temp (°C)	Surface DO (mg/L)
Wedge Pond	23.9	7.5

Photos

