



ENVIRONMENTAL SCIENTIST:
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CALL/TEXT WITH ANY QUESTIONS!



FIELD NOTES SUMMARY

Customer: Town of Winchester - Recreation Department (Wedge Pond)

Site Location: Winchester, Massachusetts

Date: 8/30/22, 9:15 AM

Observations / Notes: On August 30th, Senior Environmental Scientist, James Lacasse, completed a site visit to Wedge Pond. The visit consisted of performing a survey, collecting basic water quality data, and conducting a treatment. The conditions during the site visit were sunny and calm.

Upon arrival, a survey was conducted using visual observation paired with a standard throw-rake and handheld GPS/ArcGIS Field Maps, as applicable. Pond looked significantly better than the previous site visit as the earthtec treatment worked excellent. The microscopic algae bloom has decreased which has resulted in increased water clarity. Scattered elodea and patches of waterlilies were also noted.

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 6'2".

As planned, and based on the survey, a proactive treatment was conducted for the control of microscopic algae. The liquid h algaecide was applied using a treatment boat equipped with a calibrated sub-surface injection system. This application methodology allows for even coverage within the treatment areas. Posters stating the restrictions (no restrictions) were posted around the Pond prior to treatment.

We will notify you prior to the next scheduled visit. Please let us know if you have any questions at all.

Pond	Surface Temp (°C)	Surface DO (mg/L)
Wedge Pond	25.1	8.2

Photos

