



FIELD NOTES SUMMARY

Customer: City of Lynn (Goldfish Pond)

Site Location: Lynn, MA

Date: 8/8/22, 7:35 AM

Observations / Notes: On August 8th, Senior Environmental Scientist, James Lacasse, and Field Assistant, Grace Adams, completed a site visit to Goldfish Pond. The visit consisted of performing a survey, collecting basic water quality data, and conducting a treatment. Conditions during the visit were warm and cloudy.

Upon arrival, a survey was conducted using visual observation. The pond, compared to previous site visits, looks improved; however there is still a microscopic bloom. In addition, the aeration system was inspected and was functioning as intended. The fountains were off during the visit, as we arrived to Lynn early in the morning and prior to the fountains turning on (we believe they turn on at 8am and we departed prior to then).

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 1'3".

Based on the survey, a treatment was conducted for the control of microscopic algae. The liquid algaecide, EarthTec, was applied using foliar application method, which allows for even coverage within the treatment areas. EarthTec is designed to stay suspended within the water column until it is uptaken by algae, which is a key advantage verses traditional granular copper sulfate. Only half of the pond was treated, per label, and there are no restrictions associated with the treatment. EarthTec has been working at Goldfish Pond, as noticed by the improved conditions this visit, however regular treatments have been necessary especially given the high air and water temperatures, paired with the lack of rain.

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)
Goldfish Pond	26.0	6.98

Photos

