



ENVIRONMENTAL SCIENTIST:  
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CALL/TEXT WITH ANY QUESTIONS!



## FIELD NOTES SUMMARY

**Customer:** City of Lynn (Goldfish Pond)

**Site Location:** Lynn, Massachusetts

**Date:** 7/27/22, 7:30 AM

**Observations / Notes:** On July 27th, Senior Environmental Scientist, James Lacasse, 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 sunny and calm.

Upon arrival, a survey was conducted using visual observation paired with a standard throw-rake, as applicable. All three fountains and the aeration system were inspected and were functioning as intended. There was a slight "green" tint to the coloration of the Pond. This is due to a microscopic algae bloom. Foam was once again documented around portions of the surface. Inflated "pool floats" were also noted on the Pond.

While on-site, basic water quality was collected using calibrated meters. The pH was 7.1, which is within a standard range for freshwaters and is considered neutral. 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 10", which illustrates low water clarity. This is a result of a current microscopic algae bloom.

As planned, and based on the survey, a treatment was conducted for the control of microscopic algae. The liquid algaecide (EarthTec) was applied using a calibrated backpack sprayer. This application methodology allows for even coverage within the treatment areas.

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 | 25.4              | 6.92              |

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**Photos**

