



BIOLOGIST:
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CALL/TEXT WITH ANY QUESTIONS!



FIELD NOTES SUMMARY

Customer: Town of Walpole (Turner Pond)

Site Location: Walpole, Massachusetts

Date: 6/10/21, 9:45 AM

Observations / Notes: On June 10th, Co-Owner/Aquatic Biologist, Colin Gosselin and Environmental Scientist, James Lacasse, completed a planned treatment at Turner Pond. The treatment was based on surveys performed earlier in the season. The contact herbicide treatment targeted invasive variable watermilfoil and fanwort (Photos 2 & 3). The herbicide was applied using a jon boat equipped with a sub-surface calibrated pumping system. It is important to note that the program, as in years past includes a limited portion of the Pond (5 - acres), as contact herbicides are a tool to spot manage. The presence and densities of invasive plants have increased substantially over the last several years and now cover approximately 65%-75% of the waterbody. It is worth considering a reset using Sonar (fluridone) in either 2022 or 2023 as budgets allow. There is a five day irrigation restriction associated with the treatment, as noted in the signs posted around the shoreline (Photo 1). American featherfoil was also observed at sparse densities throughout the shoreline of the pond. Conditions were calm and sunny.

While on-site surface temperature and dissolved oxygen readings were collected using a calibrated YSI meter. The temperature was consistent with what we've been seeing at other area ponds and the dissolved oxygen is sufficient to support fish and wildlife.

We will be conducting a post-treatment survey of Turner Pond later in the Summer and will keep you posted on the scheduling of this task.

Pond	Surface Temp (°C)	Surface DO (mg/L)
Turner Pond	27.0	9.47

Photos

