

 <p>WATER & WETLAND LAKE, POND & WETLAND MANAGEMENT</p>	<p>BIOLOGIST: COLIN GOSSELIN C: (508) 259-3153 COLIN@WATERANDWETLAND.COM</p> <p>CALL/TEXT WITH ANY QUESTIONS!</p>	
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FIELD NOTES SUMMARY

Customer: Staffordville Lake Assoc. / Town of Stafford (Staffordville Lake)

Site Location: Stafford, CT

Date: 9/28/22, 3:56 PM

Observations / Notes: On September 28th, Co-Owner of Water & Wetland, LLC, Colin Gosselin, visited Staffordville Lake to conduct a post-treatment inspection. The purpose of the post-treatment inspection was to document the efficacy of the Procellacor herbicide treatment performed in August. Additionally, the post-treatment inspection can be used to guide future management. Conditions during the visit were calm and sunny.

Upon arrival, a survey was conducted from a resident's pontoon boat, which included visual observation paired with a throw-rake. Accompanying Colin on the boat was two board members, Jon Gosselin who is a SePro technical specialist, and two employees of a marketing company hired by SePro. During the survey, the marketing company was filming for a future SePro promo video featuring the very successful treatment at Staffordville Lake. Interviews were also conducted and will be incorporated in the video, which is due to release late in 2022.

Overall, the lake looked great and the treatment was extremely successful. No variable milfoil (the target of the treatment) was found in any areas of the lake. One of the many benefits of Procellacor herbicide is its selectivity to milfoil. While other native species can be minimally impacted during the season of treatment, most will bounce back quickly while the milfoil should be controlled from a nuisance level for several years. Many native plants were documented during the survey including tapegrass, elodea, waterlilies, and several native pondweed species. Some impacts were documented on waterlilies and watershield, however the pondweeds appeared extremely healthy even within treatment areas. The water color was slightly brown however visibility was still good.

We do not anticipate the need for milfoil treatment in 2023, but a permit should be put in place early in the year just in case. The treatment is also covered under SePro's extended control guarantee, which does have caveats and conditions towards coverage, but having a permit in place will allow for quick and easy treatment if it is indeed necessary. Luckily, the permit which was difficult to obtain, was issued for a two year term but a "renewal" will be required for 2023. This includes a simple form as well as submission of the annual State filing fee. Once received by CT DEEP, it is considered active. Following

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this, any management should be based on surveys. Testing for cyanobacteria should also be considered throughout the season.

We will look forward to the SePro video featuring Staffordville Lake and have greatly enjoyed working with Staffordville Lake Association and the Town of Stafford during the 2022 season.

Photos



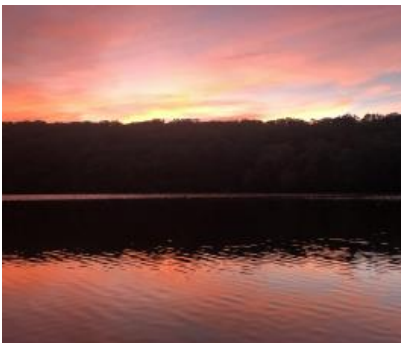
June 2021



Current



Current



Current