



October 29, 2021

Harbor Isle Lake Residents

To address the ongoing algae blooms at Harbor Isle Lake, the City's lake contractor for Harbor Isle (SOLitude Lake Management) will be onsite the week of November 1st, 2021 to apply a targeted treatment of Green Clean algacide. Green Clean is a peroxide-based algae treatment that will be applied to sections of the lake in which the algae bloom is observed. This targeted style treatment reduces the risk of over spraying and allows the contractor to provide site specific treatments on a monthly basis over the course of the next 5 months. The Green Clean company website is <https://biosafesystems.com/product/greenclean-liquid-5/> should you wish to access additional information. Residents should notice a change in the color of the algae as it is affected. The application is a liquid spray and all materials will be delivered and staged by the lake at the entrance.

In addition to the upcoming Green Clean treatments, targeted probiotic treatments are planned to begin approximately 2 weeks after the Green Clean treatment. The product used for this treatment is "MuckBiotics", a probiotic solid tablet formulated for the restoration and maintenance of impaired waterbodies. The MuckBiotic tablets are broadcasted across the water surface and rapidly sink to the bottom to break down built up organic matter. These are non-toxic, non-hazardous, pet-safe treatments with proven results in improving water quality as it breaks down available phosphorus within the existing sediment. The application method of this treatment will be similar to the upcoming Green Clean treatment as a targeted approach for sediment breakdown. These applications will target areas of the lake in which the higher amount of muck depth and phosphorus have been identified according to a recent sediment study performed at Harbor Isle.

As an update to the progress on the city's lake management program, the city is pursuing Blanket Purchasing Agreements (BPA) with vendors to provide lake maintenance services such as lake aeration maintenance, aquatic weed removal, water quality treatment and testing, and many other lake related services across the city. Additional services to remediate this built up muck within Harbor Isle Lake are to follow and are intended to provide long term solutions to ongoing algal blooms.



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