

**To:** John Bouchard  
Croton-On-Hudson, New York

**From:** John Tucci  
President, EverBlue Lakes

**Project:** Kaplans Pond Assessment Proposal

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Hello John,

This document provides a plan and proposal for conducting a comprehensive water and health assessment of Kaplans Pond.

### Water Quality Sampling & Analysis for Kaplans Pond

EverBlue Lakes recommends Four Sampling Events for Kaplans Pond. One in early May, two during the Summer season (July and August) and one Fall sampling event. Sediment will be sampled and analyzed in the Spring and Fall Sampling Events.:

- **Dissolved Oxygen:** Top Middle Bottom 2 sites
- **Total Phosphorus:** Top Middle Bottom 2 sites
- **Ortho Phosphate:** Top Middle Bottom 2 sites
- **Total Nitrogen:** Top Middle Bottom 2 sites
- **Nitrate and Nitrite:** Top Middle Bottom 2 sites
- **In-Situ Algal Fluorescence:** one sample per site. This provides immediate data on chlorophyl a levels and Phycocyanin levels. Using this instrument, we can assess the risk or current level of blue-green algal bloom conditions.  
2 sites
- **Algal Community assessment:** One sample 2 sites
- **Sediment Organic Content:** 6 sites done 2 times per season.
- **Sediment Phosphorus:** 6 sites done 2 times per season

We will also conduct an immediate watershed assessment for the pond to identify potential improvements in filtering stormwater and preventing sediment and nutrients from entering the pond.

Village Officials and members of the public would be welcome to join for the assessment. These have proven to be very beneficial for increasing awareness and understanding on past projects.

EverBlue will prepare a report at the end of the assessment and short update reports following each sampling event.

**Program Cost: \$5,975**