

Lake Tyrone Restoration & Improvement Plan

Inversion Oxygenation & Bio-Augmentation

Lake Tyrone Plan

**Install the Lake Savers proposed
Inversion Oxygenation system with the
Bio-Augmentation.**

This system is a natural way to renewing and improving our lake's health. It works to revive the necessary oxygen levels and will reduce organic muck which will help increase lake depth and improve the water clarity.

Lake Tyrone Plan - Benefits

- Lake health improvement opposed to just treating and killing weeds.
- Reduce Blue-Green and Filamentous Algae Growth
- Better control of Eurasian Water Milfoil
- Improve the fishery
- Organic 'muck' reductions of 6"-12" per year are common for the first 3 years with this program.

Lake Tyrone Plan - Details

- Single Electric Compressor
 - Needs to be located on someone's property near the middle of the lake.
 - Sound insulated (very low noise)
- 21 Micro-porus Diffusers
 - Strategically placed throughout the lake
- 33,500 feet of self-sinking airline
- Bio-Augmentation (Much Reduction)
 - Clean & Clear Enzymes
 - C-Flo Bacteria

Lake Tyrone Plan - Cost

Full Service Management Program

- Year 1 => \$59k
- Years 2-7 => \$52k/year
- This includes FULL replacement & repair of all equipment at NO cost.
- 30 month 'out clause' base on results.

How do we pay for it:

- Increase taxes on average about \$200-300

Lake Tyrone Plan - Notes

- This system will not completely eliminate all weeds and algae rather provide a healthy balanced ecosystem for fish and recreational activity.
- Current lake treatment will initially need to continue; however; as the lake health improves the current treats should decrease.
- Year 8+ cost will decrease.