

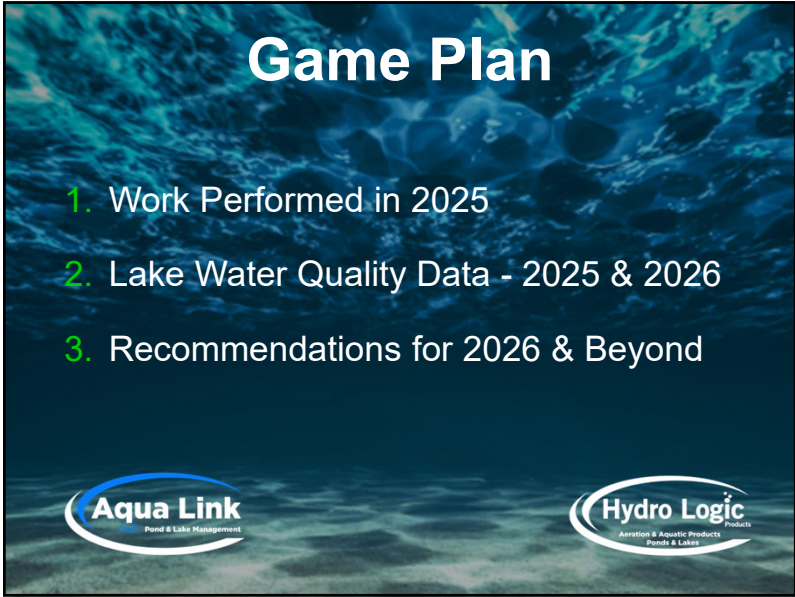


**North Lake  
Management Meeting**

*North Lake Improvement  
Association Inc.*

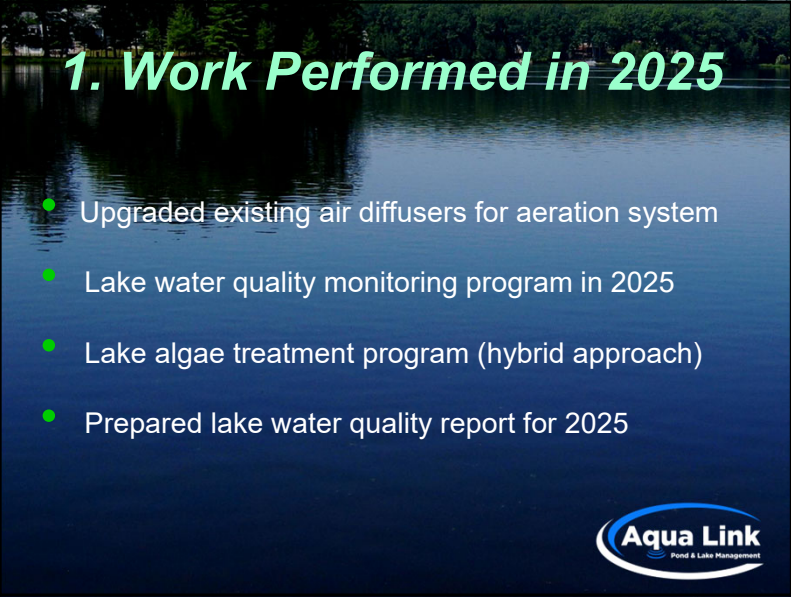


*February 5, 2026*

*Andy Link, MS  
Ed Molesky, MS CLM*



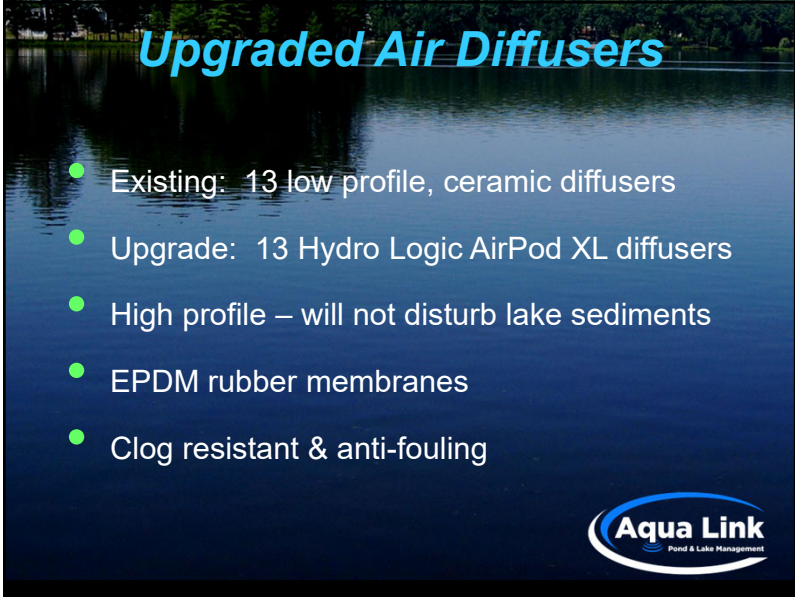

## Game Plan

1. Work Performed in 2025
2. Lake Water Quality Data - 2025 & 2026
3. Recommendations for 2026 & Beyond




## 1. Work Performed in 2025

- Upgraded existing air diffusers for aeration system
- Lake water quality monitoring program in 2025
- Lake algae treatment program (hybrid approach)
- Prepared lake water quality report for 2025



## Upgraded Air Diffusers

- Existing: 13 low profile, ceramic diffusers
- Upgrade: 13 Hydro Logic AirPod XL diffusers
- High profile – will not disturb lake sediments
- EPDM rubber membranes
- Clog resistant & anti-fouling

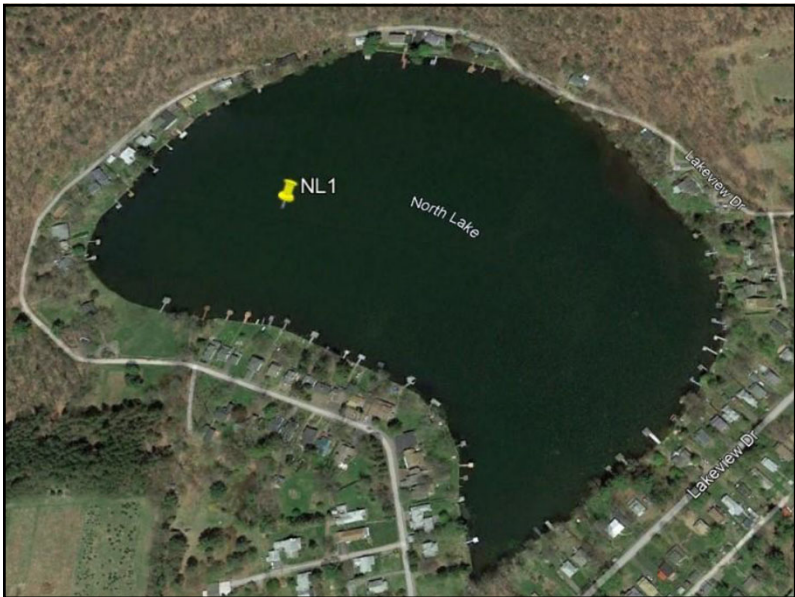



# Aqua Link & Hydro Logic Aeration



## Lake Monitoring


- Frequency: 3 times (mid May – mid Sept)
- Lake Stations: 1
- Secchi Disk Transparency
- In-situ Data: entire water column
- Water Sampling Depths: Surface & Bottom



# Aqua Link & Hydro Logic Aeration



# Aqua Link & Hydro Logic Aeration




In-situ Data  
pH, dissolved oxygen, temperature, conductivity, specific conductance, total dissolved solids, salinity, and oxidation reduction potential (ORP), chlorophyll-a & phycocyanins

Surface Samples  
total phosphorus, dissolved reactive phosphorus, total suspended solids, chlorophyll-a & phytoplankton

Bottom Samples  
total phosphorus, dissolved reactive phosphorus & total suspended solids


## Lake Treatment Program

- No. of treatments: 5 treatments
- Hybrid approach: MLC Max & copper sulfate
- MLC Max throughout entire lake
- Copper sulfate mainly along shoreline areas
- Clearer water – more filamentous algae



- Probiotics for Ponds & Lakes
- With or Without Aeration
- Use with Algacides
- Use with Other In-Lake BMPs

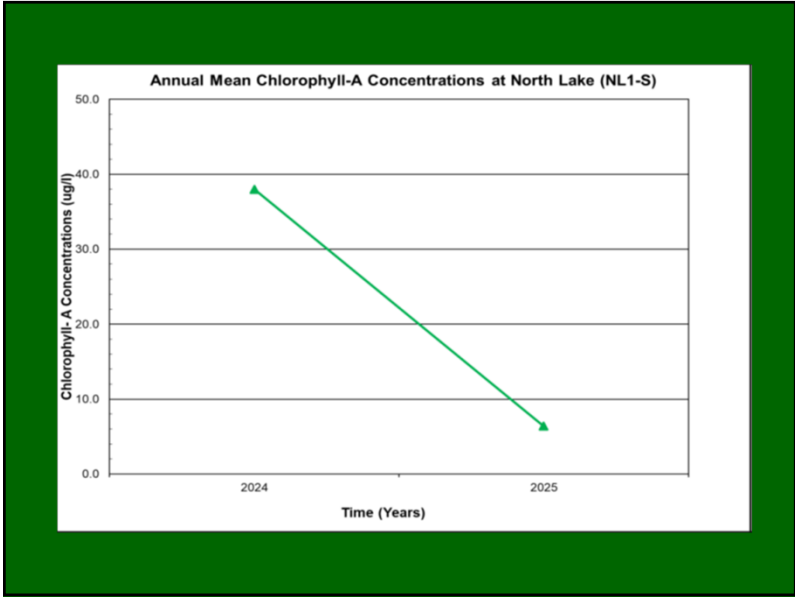
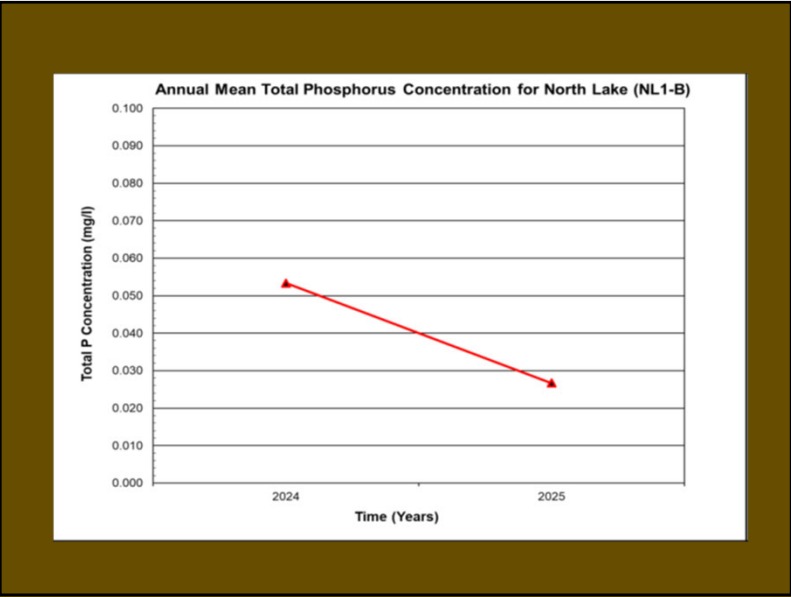
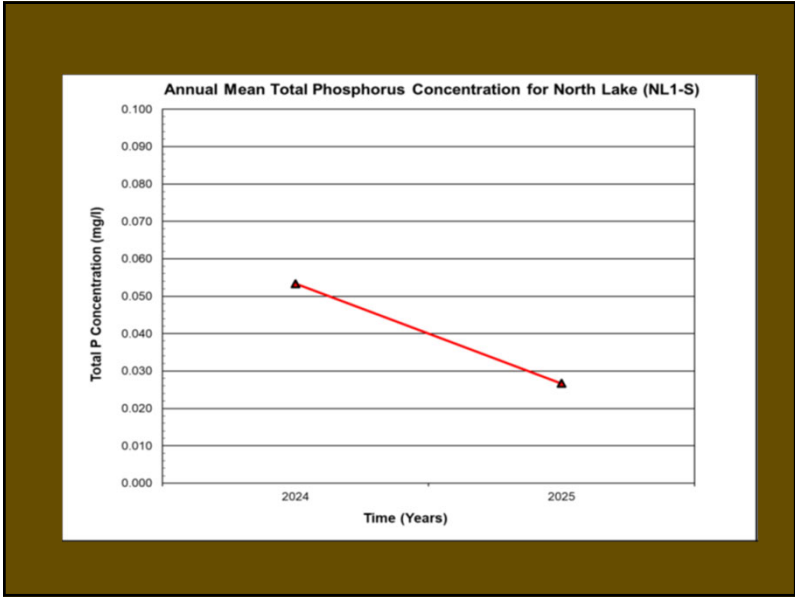
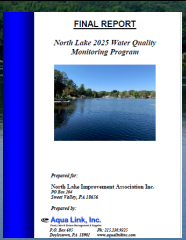

Organic Sediments      Ponds & Small Lakes      Large Lakes & Reservoirs



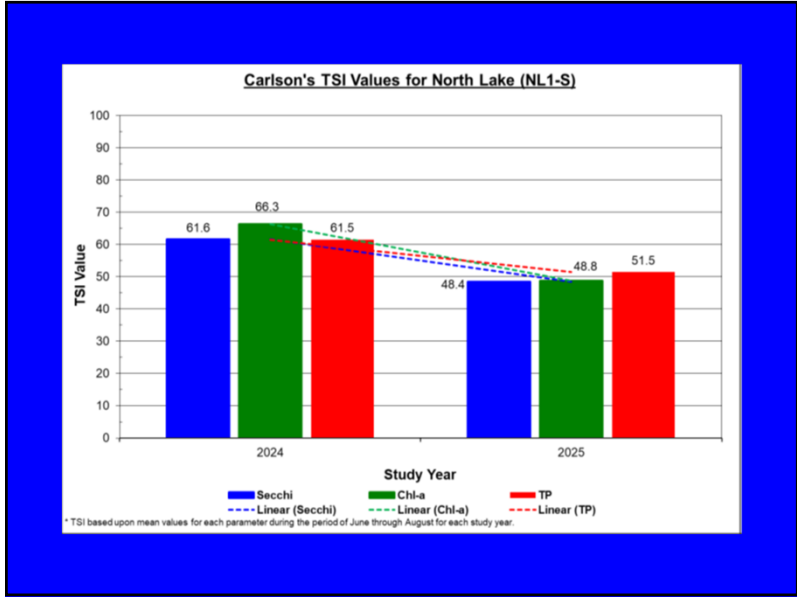
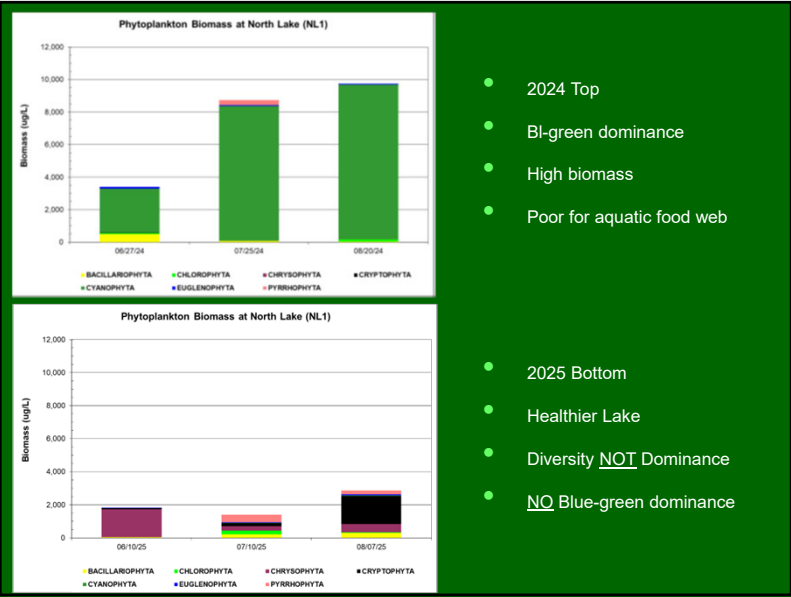
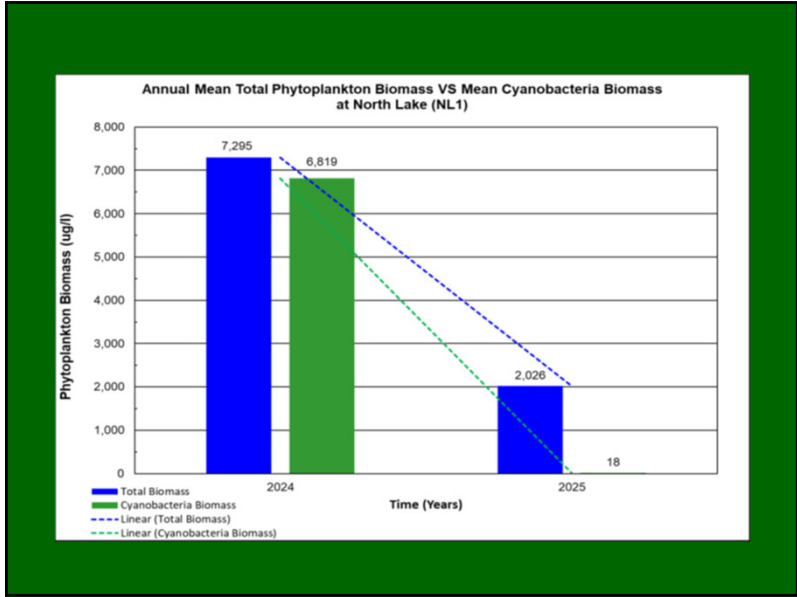
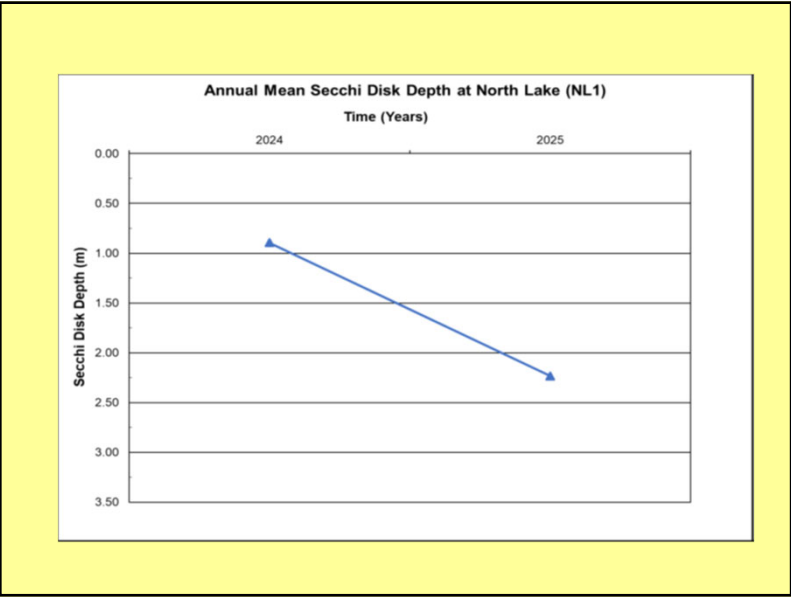
# Aqua Link & Hydro Logic Aeration

## 2. Lake Water Quality Data

- Same monitoring program in 2024 & 2025
- 2024 – CleanFlo treatment program & air diffusers
- 2025 – Aqua Link treatment program & air diffusers



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### 3. Recommendations for 2026

- Lake WQ Monitoring (3X)
- Lake Treatments – Hybrid Program (5X)
  - MicroLife Clear Max
  - Copper Sulfate
- Hydro Logic Aeration System Maintenance
  - Air Compressor
  - Hydro Logic AirPod XL Air Diffusers
- Aquatic plant control (FAV)

## Thank You!

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aqualinkinc.com      hydrologicproducts.com