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SeSCRIPT Analysis Report: Goldfish Pond

Company: Water and Wetland Project Name: Goldfish Pond

Address: 134 Ferry St. South Grafton, MA. 01560 Surface Area: NA

Contact Person: Joe Onorato Average depth: NA

Phone: (888)-493-8526 Date Algae Sample Received: 5/8/2024 Email: joe ; info@waterandwetland.com SeSCRIPT Analysis Performed: Algae ID

Algae ID Results Goldfish Pond

Identification	Classification	Description	Density/Biomass (cells/mL)

<i>Limnothrix</i> sp.	Cyanophyta- Blue-green algae	Filamentous, planktonic, potential toxin producer	745,100
<i>Aphanocapsa</i> sp.	Cyanophyta- Blue-green algae	Colonial, planktonic, potential toxin producer	132,300
Dolichospermum sp.	Cyanophyta- Blue-green algae	Filamentous, scum- former, planktonic, potential toxin and tase/odor producer	44,900
<i>Microcystis</i> sp.	Cyanophyta- Blue-green algae	Colonial, scum-former, planktonic, potential toxin and taste/odor producer	39,800

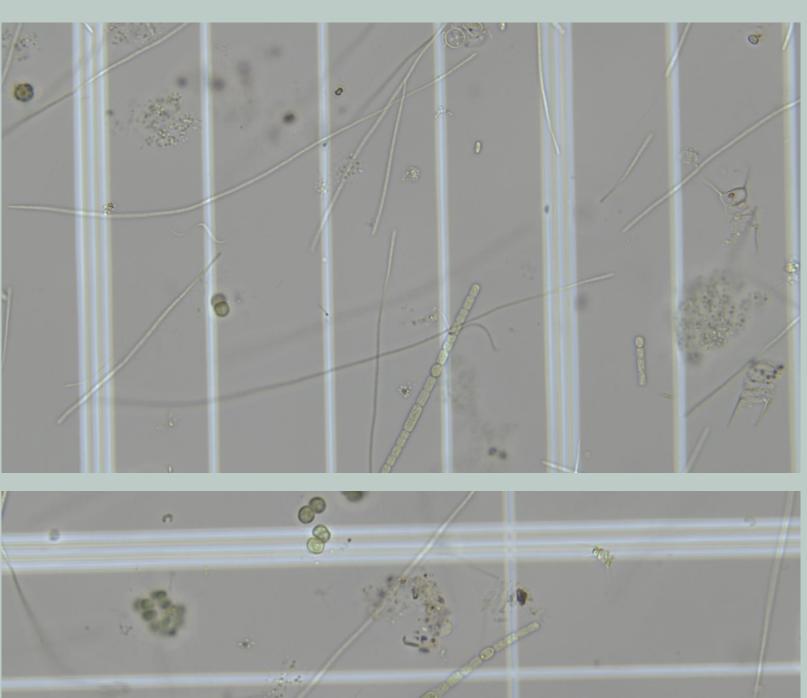
Other algae observed at densities less than 40 cells/mL: *Aulacoseira, Cyclotella* (Bacillariophyta); *Ankistrodesmus, Desmodesmus, Pediastrum* (Chlorophyta); *Chroococcus, Planktolyngbya* (Cyanophyta); *Gymnodinium* (Dinophyta); *Closterium, Staurastrum* (Streptophyta)

Some bacteria and particulate matter observed

SeScript Alert Index	Threat Level	Cyanobacteria Levels (cells/mL)
*	Low	Less than 20,000
**	Moderate	20,000 to 100,000
***	High	More than 100,000
***	Extreme	More than 100,000 with scum/mats

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Algae ID Pictures Goldfish Pond



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