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SePRO Lab
Water Diagnostics for Lakes & Ponds



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
<i>Dolichospermum</i> sp.	Cyanophyta-Blue-green algae	Filamentous, scum-former, planktonic, potential toxin and taste/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

Algae ID Pictures

Goldfish Pond

