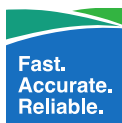


SePRO Lab

Water Diagnostics for Lakes & Ponds



SeSCRIPT Analysis Report: Goldfish Pond

Company: Water and Wetland

Address: 134 Ferry St. South Grafton, MA. 01560

Contact Person: Joe Onorato

Phone: (888)-493-8526

Email: joe ; info@waterandwetland.com

Project Name: Goldfish Pond

Surface Area: 1 acre

Average depth: 4 feet

Date Algae Sample Received: 6/13/2024

SeSCRIPT Analysis Performed: Algae ID

Algae ID Results

Goldfish Pond

Identification	Classification	Description	Density/Biomass (cells/mL)
★★★★★			
<i>Microcystis</i> sp.	Cyanophyta- Blue-green algae	Colonial, scum-former, planktonic, potential toxin and taste/odor producer	122,800
<i>Aphanocapsa</i> sp.	Cyanophyta- Blue-green algae	Colonial, planktonic, potential toxin producer	79,900
<i>Desmodesmus</i> sp.	Chlorophyta- Green algae	Colonial, planktonic	18,700

Other algae observed at densities less than 40 cells/mL: *Aulacoseira* (Bacillariophyta); *Lagerheimia*, *Pediastrum* (Chlorophyta); *Chroococcus*, *Dolichospermum*, *Planktolyngbya* (Cyanophyta); *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

