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**SePRO Lab**  
Water Diagnostics for Lakes & Ponds



# SePRO Lab

Water Diagnostics for Lakes & Ponds

## SeSCRIPT Analysis Report: Waushakum Pond

Company: Water and Wetland

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Project Name: Waushakum Pond

Surface Area: 80 acres

Average depth: 15 feet

Date Algae Sample Received: 7/23/2024

SeSCRIPT Analysis Performed: Algae ID

### Algae ID Results

Waushakum Pond

Identification	Classification	Description	Density/Biomass (cells/mL)
★★★★			
<i>Aphanizomenon</i> sp.	Cyanophyta- Blue-green algae	Filamentous, scum-former, planktonic, potential toxin and taste/odor producer	99,900
<i>Dolichospermum</i> sp.	Cyanophyta- Blue-green algae	Filamentous, scum-former, planktonic, potential toxin and taste/odor producer	26,800

Other algae observed at densities less than 40 cells/mL: *Aulacoseira* (Bacillariophyta); *Oocystis* (Chlorophyta); *Microcystis*, *Planktolyngbya*, *Pseudanabaena* (Cyanophyta); *Closterium* (Streptophyta); *Cryptomonas* (Cryptophyta)

Some 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

Waushakum Pond

