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Water Diagnostics for Lakes & Ponds



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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: 08/15/2024

SeSCRIPT Analysis Performed: Algae ID

Algae ID Results

Waushakum Pond

Identification	Classification	Description	Density/Biomass (cells/mL)
★ ★ ★			
<i>Planktolyngbya</i> sp.	Cyanophyta- Blue-green algae	Filamentous, planktonic, potential toxin producer	251,000
<i>Aphanizomenon</i> sp.	Cyanophyta- Blue-green algae	Filamentous, scum-forming, planktonic, potential toxin and taste/odor producer	22,400

Other algae observed at densities less than 40 cells/mL: *Scenedesmus* (Chlorophyta); *Microcystis* (Cyanophyta); *Gymnodinium* (Dinophyta); *Trachelomonas* (Euglenophyta)

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

