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SePRO Lab
Water Diagnostics for Lakes & Ponds



SeSCRIPT Analysis Report: Clementia

Company: Solitude Lake Management

Project Name: Rancho Murieta

Address: 1320 Brookwood Dr Ste. H, Little Rock AR 72202

Surface Area: 88 acres

Contact Person: James Joyce

Average depth: 20 feet

Phone: (707)-771-1374

Date Algae Sample Received: 8/21/2025

Email: jjoyce@solitudelake.com

SeSCRIPT Analysis Performed: Algae ID

eCOC: 19077

Algae ID Results

Clementia

Identification	Classification	Description	Density/Biomass (cells/mL)
1			
<i>Dolichospermum</i> sp.	Cyanophyta- Blue-green algae	Filamentous, scum-former, planktonic, potential toxin and taste/odor producer	2,300

Other algae observed at densities less than 40 cells/mL: *Gloeocystis* (Chlorophyta); *Merismopedia* (Cyanophyta); *Trachelomonas* (Euglenophyta); *Staurastrum* (Streptophyta)

Identification	Classification	Description	Density/Biomass (cells/mL)
2			
<i>Dolichospermum</i> sp.	Cyanophyta- Blue-green algae	Filamentous, scum-former, planktonic, potential toxin and taste/odor producer	7,800
<i>Staurastrum</i> sp.	Streptophyta- Desmids	Single-celled, planktonic	420

Other algae observed at densities less than 40 cells/mL: *Aphanizomenon*, *Aphanocapsa*, *Microcystis* (Cyanophyta); *Trachelomonas* (Euglenophyta)

Algae ID Results

Clementia

Identification	Classification	Description	Density/Biomass (cells/mL)
3			
<i>Dolichospermum</i> sp.	Cyanophyta- Blue-green algae	Filamentous, scum-former, planktonic, potential toxin and taste/odor producer	6,300
<i>Staurastrum</i> sp.	Streptophyta- Desmids	Single-celled, planktonic	550

Other algae observed at densities less than 40 cells/mL: *Aphanizomenon*, *Snowella* (Cyanophyta); *Trachelomonas* (Euglenophyta)



