

DEP Algal Taxonomy Summary Report

Date Reported: 09-NOV-2023

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2023-07-31-07

Collector: Matt Bearden, Katie March

Event ID: CEN-DIST-2023-11-07-01

Date Collected: 11/6/2023 9:57:00 AM

LIMS Sample ID: 2449084

Date Received: 11/7/2023 9:23:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Pioneer Lake - NE Shore

Sample Preservation: ICE

Field ID: HABCE0190

Analyst: Isaura Lorenzo-Perez

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The water was clear with specks present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Chlorophyceae

Chlamydomonas sp.

Elakatothrix gelatinosa

* Information based on literature searches and personal communication; information is continually being updated. "Undetermined" refers to specimens for which the lowest practical level of taxonomic identification is genus and some, but not all, species within that genus have the potential to produce toxins or toxin information not available for the identified species but is available for genus level.