

## DEP Algal Taxonomy Summary Report

Date Reported: 05-AUG-2022

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

Request ID: RQ-2022-07-18-32

Collector: Katie March/Victoria Schwartz

Event ID: WQAP-2022-08-02-02

Date Collected: 8/1/2022 12:25:00 PM

LIMS Sample ID: 2345122

Date Received: 8/2/2022 9:43:00 AM

Analysis: ALGAL\_ID

Sample Container: Plastic Tube 50 mL

Site Location: Johns Lake - W Lobe

Sample Preservation: ICE

Field ID: HABCE0133\_JohnsLake

Analyst: Rachael Dragon

Sample Notes: The co-dominant taxa were Zygnema sp. and Scytonema sp. The sample contained an algal mat. The Zygnema sp. was starting to degrade.

**Result:** The co-dominant taxa were Zygnema sp. (Chlorophyceae) and Scytonema sp. (Cyanophyceae).

**Other Taxa Present:**

**Toxin Potential \***

**Cells/mL**

**Cyanophyceae**

*Anabaena* sp.

Undetermined

*Scytonema* sp.

Undetermined

**Chlorophyceae**

*Zygnema* sp.

*Staurastrum* sp.

\* 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.