

DEP Algal Taxonomy Summary Report

Date Reported: 5/7/2019

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

Request ID: RQ-2019-05-06-15

Collector: B Paswater / S.Meyer

Event ID: SW-DIST-2019-05-07-02

Date Collected: 5/6/2019 11:40:00 AM

LIMS Sample ID: 2084059

Date Received: 5/7/2019 10:00:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: PINE LAKE @ CENTER

Sample Preservation: HNO3

Field ID: G2SW0084

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was clear with specks present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis* sp.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Snowella sp.

Microcystis sp.

Undetermined

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya limnetica

Chlorophyceae

Ankistrodesmus falcatus

Dictyosphaerium pulchellum

Dictyosphaerium ehrenbergianum

Scenedesmus acuminatus

Closterium sp.

Cosmarium sp.

Euastrum sp.

Dinophyceae

Glenodinium sp.

Peridinium 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.