

DEP Algal Taxonomy Summary Report

Date Reported: 01/10/2019

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@dep.state.fl.us

Request ID: RQ-2018-09-03-35

Collector: Maryann Dugan, Nicole Reistad

Event ID: WQAP-2019-01-09-02

Date Collected: 1/8/2019 3:30:00 PM

LIMS Sample ID: 2052749

Date Received: 1/9/2019 10:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Clay @ Boat Ramp

Sample Preservation: ICE

Field ID: SD010819-001

Analyst: Isaura Lorenzo-Perez

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

Result: The dominant taxon was *Botryococcus braunii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Rhabdogloea sp.

Aphanocapsa sp.

Snowella sp.

Merismopedia tenuissima

Geitlerinema acutissimum

Undetermined

Yes

Chrysophyceae

Dinobryon sp.

Chlorophyceae

Dictyosphaerium pulchellum

Scenedesmus bijuga

Botryococcus braunii

Closterium 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.