

DEP Algal Taxonomy Summary Report

Date Reported: 1/3/2019

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

Request ID: RQ-2018-09-24-60

Collector: KIRBY WOLFE

Event ID: WQAP-2019-01-03-01

Date Collected: 1/2/2019 12:55:00 PM

LIMS Sample ID: 2051271

Date Received: 1/3/2019 9:35:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: GATOR LAKE 6 MILE CYPRESS

Sample Preservation: ICE

Field ID: SD 010219-003

Analyst: Isaura Lorenzo-Perez

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

Result: The dominant taxon was *Aphanizomenon flos-aquae*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa</i> sp.	Undetermined
<i>Snowella</i> sp.	
<i>Microcystis</i> sp.	Undetermined
<i>Anabaena</i> sp.	Undetermined
<i>Dolichospermum</i> sp.	
<i>Aphanizomenon flosaquae</i>	Yes
<i>Planktothrix agardhii</i>	Yes

Chrysophyceae

Mallomonas sp.

Chlorophyceae

Chlamydomonas sp.
Eudorina elegans
Tetraedron gracile
Golenkinia radiata
Closterium sp.

Dinophyceae

Ceratium 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.