

DEP Algal Taxonomy Summary Report

Date Reported: 01/17/2020

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

Request ID: RQ-2019-06-10-63

Collector: Sue Davis

Event ID: WQAP-2020-01-17-01

Date Collected: 1/16/2020 11:26:00 AM

LIMS Sample ID: 2150085

Date Received: 1/17/2020 9:45:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Gator Lake @ Six Mile Cypress Slough

Sample Preservation: ICE

Field ID: Gator Lake @ Six Mile Cypress Slough

Analyst: Jess Morse

Sample Notes: The sample was clear with specks present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Planktothrix agardhii</i>	Yes

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Eudorina elegans
Dictyosphaerium ehrenbergianum
Pediastrum sp.
Coelastrum 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.