

DEP Algal Taxonomy Summary Report

Date Reported: 10/23/2019

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

Request ID: RQ-2019-09-16-44

Collector: Chase Conley

Event ID: WQAP-2019-10-23-01

Date Collected: 10/22/2019 10:30:00 AM

LIMS Sample ID: 2130587

Date Received: 10/23/2019 9:55:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: West Lake Okeechobee

Sample Preservation: ICE

Field ID: HAB-102219 Lake Okeechobee

Analyst: Jess Morse

Sample Notes: The sample was clear with some specks present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanothece sp.

Aphanocapsa incerta

Yes

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Dolichospermum sp.

Dolichospermum circinale

Yes

Aphanizomenon flosaquae

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya limnetica

Chlorophyceae

Westella botryoides

Pediastrum 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.