

# 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-2019-09-16-45

Collector: Chase Conley

Event ID: WQAP-2019-10-23-02

Date Collected: 10/22/2019 12:00:00 PM

LIMS Sample ID: 2130674

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

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: West Lake O at Lakeport Pass

Sample Preservation: ICE

Field ID: HAB\_102219\_Lake O Harney

Analyst: Jess Morse

Sample Notes: The sample was clear.

**Result:** There was no clear dominant taxon in the sample.

## Other Taxa Present:

## Toxin Potential \*

### Cyanophyceae

|                                       |              |
|---------------------------------------|--------------|
| <i>Aphanocapsa incerta</i>            | Yes          |
| <i>Merismopedia tenuissima</i>        |              |
| <i>Merismopedia warmingiana</i>       |              |
| <i>Microcystis aeruginosa</i>         | Yes          |
| <i>Cylindrospermopsis raciborskii</i> | Yes          |
| <i>Dolichospermum circinale</i>       | Yes          |
| <i>Aphanizomenon flosaquae</i>        | Yes          |
| <i>Cuspidothrix issatschenkoi</i>     | Yes          |
| <i>Pseudanabaena</i> sp.              | Undetermined |
| <i>Planktolyngbya contorta</i>        |              |
| <i>Planktolyngbya limnetica</i>       |              |

### Chlorophyceae

*Dictyosphaerium pulchellum*  
*Coelastrum* sp.

### Euglenophyceae

*Euglena* sp.  
*Phacus* 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.