

# DEP Algal Taxonomy Summary Report

|                                                              |                                                                           |
|--------------------------------------------------------------|---------------------------------------------------------------------------|
| Date Reported: 30-AUG-2019                                   | Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov |
| Request ID: RQ-2019-07-22-63                                 | Collector: K. Panzer, S. Meyer                                            |
| Event ID: WQAP-2019-08-30-01                                 | Date Collected: 8/29/2019 11:15:00 AM                                     |
| LIMS Sample ID: 2115891                                      | Date Received: 8/30/2019 10:18:00 AM                                      |
| Analysis: BLOOM-ID                                           | Sample Container: Plastic Tube 50 mL                                      |
| Site Location: Scott Lake-Bloom Response                     | Sample Preservation: ICE                                                  |
| Field ID: Scott Lake-Bloom Response                          | 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

|                                       |     |
|---------------------------------------|-----|
| <i>Aphanothece</i> sp.                |     |
| <i>Aphanocapsa incerta</i>            | Yes |
| <i>Merismopedia tenuissima</i>        |     |
| <i>Merismopedia warmingiana</i>       |     |
| <i>Microcystis wesenbergii</i>        | Yes |
| <i>Microcystis aeruginosa</i>         | Yes |
| <i>Cylindrospermopsis raciborskii</i> | Yes |
| <i>Aphanizomenon flosaquae</i>        | Yes |
| <i>Pseudanabaena mucicola</i>         | Yes |
| <i>Planktolyngbya contorta</i>        |     |
| <i>Planktolyngbya limnetica</i>       |     |
| <i>Planktolyngbya microspira</i>      |     |
| <i>Planktolyngbya lacustris</i>       |     |

## Chlorophyceae

*Dictyosphaerium pulchellum*  
*Pediastrum* sp.  
*Scenedesmus quadricauda*  
*Staurastrum* sp.

## Dinophyceae

*Glenodinium* 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.