

## DEP Algal Taxonomy Summary Report

Date Reported: 27-MAR-2023      Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov  
Request ID: RQ-2023-03-20-44      Collector: RENK  
Event ID: WQAP-2023-03-24-04      Date Collected: 3/23/2023 10:15:00 AM  
LIMS Sample ID: 2396187      Date Received: 3/24/2023 10:20:00 AM  
Analysis: BLOOM-ID      Sample Container: Plastic Tube 50 mL  
Site Location: Caywood Pond - SW Dock      Sample Preservation: ICE  
Field ID: HABOC0015\_CaywoodPond      Analyst:  
Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Aphanizomenon flosaquae*. The sample water was green and cloudy with specks. Diatoms were present. The algae appeared alive and healthy.

**Result:** The co-dominant taxa were *Microcystis aeruginosa* and *Aphanizomenon flosaquae*.

| Other Taxa Present:            | Toxin Potential * | Cells/mL |
|--------------------------------|-------------------|----------|
| <b>Cyanophyceae</b>            |                   |          |
| <i>Microcystis aeruginosa</i>  | Yes               |          |
| <i>Aphanizomenon flosaquae</i> | Yes               |          |
| <b>Chlorophyceae</b>           |                   |          |
| <i>Eudorina elegans</i>        |                   |          |
| <b>Dinophyceae</b>             |                   |          |
| <i>Ceratium sp.</i>            |                   |          |

\* 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.