

## DEP Algal Taxonomy Summary Report

Date Reported: 18-OCT-2023      Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov  
Request ID: RQ-2023-07-17-26      Collector: Matt Bearden, Victoria Schwartz  
Event ID: CEN-DIST-2023-10-17-02      Date Collected: 10/16/2023 9:47:00 AM  
LIMS Sample ID: 2445401      Date Received: 10/17/2023 9:28:00 AM  
Analysis: BLOOM-ID      Sample Container: Plastic Tube 50 mL  
Site Location: Pioneer Lake - NE Shore      Sample Preservation: ICE  
Field ID: HABCE0190      Analyst:  
Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

**Result:** The dominant taxon was *Microcystis aeruginosa*.

| Other Taxa Present:            | Toxin Potential * | Cells/mL |
|--------------------------------|-------------------|----------|
| <b>Cyanophyceae</b>            |                   |          |
| <i>Microcystis wesenbergii</i> | Yes               |          |
| <i>Microcystis aeruginosa</i>  | Yes               |          |
| <b>Chlorophyceae</b>           |                   |          |
| <i>Botryococcus braunii</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.