

## DEP Algal Taxonomy Summary Report

Date Reported: 21-OCT-2022      Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov  
Request ID: RQ-2022-10-17-75      Collector: R Renk  
Event ID: WQAP-2022-10-20-01      Date Collected: 10/19/2022 11:27:00  
LIMS Sample ID: 2363879      Date Received: 10/20/2022 9:20:00 AM  
Analysis: BLOOM-ID      Sample Container: Plastic Tube 50 mL  
Site Location: Lake Speer - NW Lobe      Sample Preservation: ICE  
Field ID: HABOC0009\_LakeSpeer1      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>Woronichinia naegeliana</i> |                   |          |
| <i>Microcystis aeruginosa</i>  | Yes               |          |
| <i>Dolichospermum sp.</i>      |                   |          |
| <i>Pseudanabaena mucicola</i>  | Yes               |          |
| <i>Planktolyngbya contorta</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.