

# DEP Algal Taxonomy Summary Report

|                                                                                                                                                                                  |                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Date Reported: 19-JUL-2022                                                                                                                                                       | Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov |
| Request ID: RQ-2022-07-11-12                                                                                                                                                     | Collector: Liz Bates                                                      |
| Event ID: WQAP-2022-07-15-01                                                                                                                                                     | Date Collected: 7/14/2022 9:15:00 AM                                      |
| LIMS Sample ID: 2341895                                                                                                                                                          | Date Received: 7/15/2022 10:05:00 AM                                      |
| Analysis: BLOOM-ID                                                                                                                                                               | Sample Container: Plastic Tube 50 mL                                      |
| Site Location: Fish Lake - Sexton Park                                                                                                                                           | Sample Preservation: ICE                                                  |
| Field ID: HABCE0132_FishLake                                                                                                                                                     | Analyst: Rachael Dragon                                                   |
| Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. Algae were abundant with approximately 25% being cyanobacteria. |                                                                           |

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

| Other Taxa Present: | Toxin Potential * | Cells/mL |
|---------------------|-------------------|----------|
|---------------------|-------------------|----------|

## Cyanophyceae

|                                       |              |  |
|---------------------------------------|--------------|--|
| <i>Microcystis aeruginosa</i>         | Yes          |  |
| <i>Anabaenopsis</i> sp.               |              |  |
| <i>Cylindrospermopsis raciborskii</i> | Yes          |  |
| <i>Dolichospermum planctonicum</i>    | Undetermined |  |
| <i>Planktolyngbya limnetica</i>       |              |  |

## Chlorophyceae

*Tetraedron caudatum*  
*Kirchneriella* sp.  
*Dictyosphaerium pulchellum*  
*Scenedesmus* sp.  
*Coelastrum microporum*  
*Closterium* sp.  
*Staurastrum* sp.

## Euglenophyceae

*Euglena* sp.  
*Trachelomonas* sp.  
*Strombomonas* sp.  
*Lepocinclis* 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.