

# DEP Algal Taxonomy Summary Report

|                                                                                                                      |                                                                           |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Date Reported: 03-FEB-2023                                                                                           | Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov |
| Request ID: RQ-2023-01-09-40                                                                                         | Collector: Leif B, Jessie A                                               |
| Event ID: WQAP-2023-02-03-01                                                                                         | Date Collected: 2/2/2023 1:27:00 PM                                       |
| LIMS Sample ID: 2384741                                                                                              | Date Received: 2/3/2023 12:51:00 PM                                       |
| Analysis: BLOOM-ID                                                                                                   | Sample Container: Plastic Tube 50 mL                                      |
| Site Location: Trout Lake - Nature Center Dock                                                                       | Sample Preservation: ICE                                                  |
| Field ID: HABCE0169_TroutLake                                                                                        | Analyst: Rachael Dragon                                                   |
| Sample Notes: The dominant taxon was Dolichospermum sp. The sample water was cloudy and green. Diatoms were present. |                                                                           |

**Result:** The dominant taxon was Dolichospermum sp.

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

## Cyanophyceae

|                                |              |  |
|--------------------------------|--------------|--|
| <i>Rhabdogloea</i> sp.         |              |  |
| <i>Aphanocapsa</i> sp.         | Undetermined |  |
| <i>Microcystis aeruginosa</i>  | Yes          |  |
| <i>Dolichospermum</i> sp.      |              |  |
| <i>Aphanizomenon flosaquae</i> | Yes          |  |

## Chlorophyceae

*Ankistrodesmus falcatus*  
*Monoraphidium* sp.  
*Pediastrum duplex*  
*Scenedesmus quadricauda*  
*Scenedesmus bicaudatus*

## Euglenophyceae

*Trachelomonas* 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.