

## DEP Algal Taxonomy Summary Report

|                                                                                                                  |                                                                           |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Date Reported: 01-AUG-2022                                                                                       | Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov |
| Request ID: RQ-2022-07-18-32                                                                                     | Collector: Katie March, Victoria Schwartz                                 |
| Event ID: WQAP-2022-07-29-01                                                                                     | Date Collected: 7/28/2022 12:55:00 PM                                     |
| LIMS Sample ID: 2344518                                                                                          | Date Received: 7/29/2022 9:30:00 AM                                       |
| Analysis: BLOOM-ID                                                                                               | Sample Container: Plastic Tube 50 mL                                      |
| Site Location: Lake Mann - McQueen Park                                                                          | Sample Preservation: ICE                                                  |
| Field ID: HABCE0112_LakeMann                                                                                     | Analyst: Rachael Dragon                                                   |
| Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. |                                                                           |

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

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

### Cyanophyceae

|                                 |     |  |
|---------------------------------|-----|--|
| <i>Aphanothece sp.</i>          |     |  |
| <i>Cyanodictyon imperfectum</i> |     |  |
| <i>Merismopedia tenuissima</i>  |     |  |
| <i>Merismopedia warmingiana</i> |     |  |
| <i>Microcystis aeruginosa</i>   | Yes |  |
| <i>Aphanizomenon flosaquae</i>  | Yes |  |
| <i>Planktolyngbya limnetica</i> |     |  |

### Chlorophyceae

|                           |  |  |
|---------------------------|--|--|
| <i>Oocystis sp.</i>       |  |  |
| <i>Kirchneriella sp.</i>  |  |  |
| <i>Pediastrum simplex</i> |  |  |
| <i>Closterium sp.</i>     |  |  |
| <i>Staurastrum sp.</i>    |  |  |
| <i>Cosmarium 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.