

## DEP Algal Taxonomy Summary Report

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|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Date Reported: 11-JUL-2023                                                                                              | Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov |
| Request ID: RQ-2023-06-12-73                                                                                            | Collector: Leif Bowman, Victoria Schwartz                                 |
| Event ID: CEN-DIST-2023-07-07-01                                                                                        | Date Collected: 7/6/2023 9:34:00 AM                                       |
| LIMS Sample ID: 2421738                                                                                                 | Date Received: 7/7/2023 9:38:00 AM                                        |
| Analysis: BLOOM-ID                                                                                                      | Sample Container: Plastic Tube 50 mL                                      |
| Site Location: Lake Rowena near NE corner                                                                               | Sample Preservation: ICE                                                  |
| Field ID: HABCE0057_LakeRowena                                                                                          | Analyst: Isaura Lorenzo-Perez                                             |
| Sample Notes: The dominant taxon was Microcystis aeruginosa. The water was clear. The algae appeared alive and healthy. |                                                                           |

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

| Other Taxa Present:                 | Toxin Potential * | Cells/mL |
|-------------------------------------|-------------------|----------|
| <b>Cyanophyceae</b>                 |                   |          |
| <i>Coelosphaerium kuetzingianum</i> |                   |          |
| <i>Aphanocapsa incerta</i>          | Yes               |          |
| <i>Microcystis aeruginosa</i>       | Yes               |          |
| <i>Anabaena</i> sp.                 | Undetermined      |          |
| <i>Pseudanabaena</i> sp.            | Undetermined      |          |
| <b>Chlorophyceae</b>                |                   |          |
| <i>Kirchneriella</i> sp.            |                   |          |
| <i>Staurastrum</i> 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.