

# DEP Algal Taxonomy Summary Report

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|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Date Reported: 21-MAR-2022                                                                  | Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov |
| Request ID: RQ-2022-01-31-10                                                                | Collector: Leif Boman                                                     |
| Event ID: WQAP-2022-03-18-01                                                                | Date Collected: 3/17/2022 12:18:00 PM                                     |
| LIMS Sample ID: 2313325                                                                     | Date Received: 3/18/2022 2:45:00 PM                                       |
| Analysis: BLOOM-ID                                                                          | Sample Container: Plastic Tube 50 mL                                      |
| Site Location: Tiger Lake - East Shore                                                      | Sample Preservation: ICE                                                  |
| Field ID: HABCE0105_TigerLake                                                               | Analyst: Rachael Dragon                                                   |
| Sample Notes: There was no clear dominant taxon in the sample. The sample water was cloudy. |                                                                           |

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

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

*Coelosphaerium* sp.

*Aphanothece* sp.

*Cyanodictyon imperfectum*

*Merismopedia tenuissima*

*Merismopedia warmingiana*

*Microcystis wesenbergii*

Yes

*Anabaenopsis circularis*

Undetermined

*Cylindrospermopsis raciborskii*

Yes

*Dolichospermum* sp.

*Dolichospermum circinale*

Yes

*Aphanizomenon flosaquae*

Yes

*Romeria* sp.

*Planktolyngbya contorta*

*Planktolyngbya limnetica*

## Chlorophyceae

*Dictyosphaerium ehrenbergianum*

*Pediastrum tetras*

*Scenedesmus quadricauda*

*Crucigenia apiculata*

## 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.