

## DEP Algal Taxonomy Summary Report

Date Reported: 06-SEP-2022      Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov  
Request ID: RQ-2022-08-22-08      Collector: Leif boman, Katie March  
Event ID: WQAP-2022-09-02-01      Date Collected: 9/1/2022 12:53:00 PM  
LIMS Sample ID: 2353883      Date Received: 9/2/2022 9:24:00 AM  
Analysis: BLOOM-ID      Sample Container: Plastic Tube 50 mL  
Site Location: Lake Harris - S of Monkey Island      Sample Preservation: ICE  
Field ID: HABCE0123\_LakeHarris1      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 75% being cyanobacteria.

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

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

### Cyanophyceae

*Aphanothece sp.*

*Microcystis aeruginosa*

Yes

*Cylindrospermopsis raciborskii*

Yes

*Planktolyngbya limnetica*

*Planktolyngbya microspira*

*Planktolyngbya lacustris*

### Chlorophyceae

*Ankistrodesmus falcatus*

*Monoraphidium sp.*

*Dictyosphaerium pulchellum*

*Staurastrum 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.