

## DEP Algal Taxonomy Summary Report

Date Reported: 23-FEB-2023

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2023-01-30-19

Collector: Leif B, Matt B

Event ID: WQAP-2023-02-16-01

Date Collected: 2/15/2023 12:52:00 PM

LIMS Sample ID: 2387975

Date Received: 2/16/2023 11:18:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Howell - NW Shore

Sample Preservation: ICE

Field ID: HABCE0148\_LakeHowell2

Analyst:

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>Aphanocapsa delicatissima</i> | Undetermined |  |
|----------------------------------|--------------|--|

|                                       |     |  |
|---------------------------------------|-----|--|
| <i>Cylindrospermopsis raciborskii</i> | Yes |  |
|---------------------------------------|-----|--|

|                                |     |  |
|--------------------------------|-----|--|
| <i>Aphanizomenon flosaquae</i> | Yes |  |
|--------------------------------|-----|--|

|                                 |  |  |
|---------------------------------|--|--|
| <i>Planktolyngbya limnetica</i> |  |  |
|---------------------------------|--|--|

### Chrysophyceae

|                             |  |  |
|-----------------------------|--|--|
| <i>Dinobryon sertularia</i> |  |  |
|-----------------------------|--|--|

|                       |  |  |
|-----------------------|--|--|
| <i>Mallomonas sp.</i> |  |  |
|-----------------------|--|--|

### Chlorophyceae

|                          |  |  |
|--------------------------|--|--|
| <i>Chlamydomonas sp.</i> |  |  |
|--------------------------|--|--|

|                       |  |  |
|-----------------------|--|--|
| <i>Coccomonas sp.</i> |  |  |
|-----------------------|--|--|

|                                |  |  |
|--------------------------------|--|--|
| <i>Scenedesmus quadricauda</i> |  |  |
|--------------------------------|--|--|

|                              |  |  |
|------------------------------|--|--|
| <i>Crucigenia tetrapedia</i> |  |  |
|------------------------------|--|--|

|                     |  |  |
|---------------------|--|--|
| <i>Euastrum sp.</i> |  |  |
|---------------------|--|--|

### Dinophyceae

|                        |  |  |
|------------------------|--|--|
| <i>Glenodinium 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.