

# DEP Algal Taxonomy Summary Report

Date Reported: 06/10/2021      Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov  
Request ID: RQ-2021-06-07-22      Collector: K.March + V.Schwartz  
Event ID: WQAP-2021-06-10-02      Date Collected: 6/9/2021 12:08:00 PM  
LIMS Sample ID: 2254366      Date Received: 6/10/2021 10:06:00  
Analysis: BLOOM-ID      Sample Container: Plastic Tube 50 mL  
Site Location: Dead River - Residential Canal S of US 441      Sample Preservation: ICE  
Field ID: HABCE0081\_DeadRiver      Analyst: Jess Morse  
Sample Notes: The sample water was clear with specks. Diatoms were present.

**Result:** The co-dominant taxa were *Microcystis aeruginosa* and *Cylindrospermopsis raciborskii*.

**Other Taxa Present:**      **Toxin Potential \***

## Cyanophyceae

|                                       |              |
|---------------------------------------|--------------|
| <i>Aphanocapsa incerta</i>            | Yes          |
| <i>Microcystis aeruginosa</i>         | Yes          |
| <i>Cylindrospermopsis raciborskii</i> | Yes          |
| <i>Pseudanabaena</i> sp.              | Undetermined |
| <i>Planktolyngbya contorta</i>        |              |
| <i>Planktolyngbya limnetica</i>       |              |

## Chlorophyceae

*Botryococcus braunii*

## Euglenophyceae

*Strombomonas* 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.