

DEP Algal Taxonomy Summary Report

Date Reported: 13-MAY-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-03-14-19 Collector: Liz Bates, Katie March
Event ID: WQAP-2022-05-12-01 Date Collected: 5/11/2022 2:05:00 PM
LIMS Sample ID: 2326631 Date Received: 5/12/2022 9:20:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Dead River Canal-Bluegill Ave Sample Preservation: ICE
Field ID: HABCE0115_DeadRiverCanal Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present.
The algae appeared alive and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes	
<i>Merismopedia warmingiana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya contorta</i>		

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Tetraedron gracile
Dictyosphaerium pulchellum
Scenedesmus quadricauda
Crucigenia tetrapedia
Crucigenia apiculata
Coelastrum sp.

Euglenophyceae

Euglena sp.
Strombomonas sp.
Lepocinclis sp.
Phacus sp.

Dinophyceae

Glenodinium 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.