

DEP Algal Taxonomy Summary Report

Date Reported: 13-APR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-03-21-11 Collector: Leif Boman
Event ID: WQAP-2022-04-12-01 Date Collected: 4/11/2022 11:45:00 AM
LIMS Sample ID: 2318192 Date Received: 4/12/2022 10:20:00 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: The dominant taxon was Microcystis aeruginosa. The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Merismopedia warmingiana

<i>Microcystis aeruginosa</i>	Yes	
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<i>Cylindrospermopsis raciborskii</i>	Yes	
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Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Chlamydomonas sp.

Tetraedron minimum

Kirchneriella sp.

Pediastrum duplex

Scenedesmus quadricauda

Scenedesmus abundans

Crucigenia tetrapedia

Crucigenia apiculata

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.