

DEP Algal Taxonomy Summary Report

Date Reported: 04/23/2021

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

Request ID: RQ-2021-04-05-17

Collector: Leif Boman/Elizabeth Bates

Event ID: WQAP-2021-04-23-01

Date Collected: 4/22/2021 1:16:00 PM

LIMS Sample ID: 2241918

Date Received: 4/23/2021 10:13:00 AM

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: Rachael Dragon

Sample Notes: The sample water was cloudy.

Result: The dominant taxon was *Cylindrospermopsis raciborskii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanothece sp.

Aphanocapsa sp.

Undetermined

Merismopedia warmingiana

Microcystis sp.

Undetermined

Cylindrospermopsis raciborskii

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Tetraedron gracile

Monoraphidium sp.

Scenedesmus acuminatus

Scenedesmus quadricauda

Tetrastrum heterocanthum

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.