

DEP Algal Taxonomy Summary Report

Date Reported: 09/01/2021

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

Request ID: RQ-2021-08-02-13

Collector: K.March, Liz Bates

Event ID: WQAP-2021-08-31-01

Date Collected: 8/30/2021 12:15:00 PM

LIMS Sample ID: 2272712

Date Received: 8/31/2021 9:50:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Dead River-Residential Canal S of 441

Sample Preservation: ICE

Field ID: HABCE0081_DeadRiver

Analyst: Rachael Dragon

Sample Notes: The sample water was slightly cloudy. Approximately 75% of the algae were cyanobacteria.

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Chroococcus dispersus

Aphanothece sp.

Aphanocapsa delicatissima

Undetermined

Snowella lacustris

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya contorta

Chlorophyceae

Pediastrum duplex

Scenedesmus quadricauda

Euglenophyceae

Trachelomonas 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.