

DEP Algal Taxonomy Summary Report

Date Reported: 05/15/2019

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

Request ID: RQ-2019-05-06-31

Collector: Jeremy Parrish / Brian Davis

Event ID: WQAP-2019-05-15-04

Date Collected: 5/14/2019 10:05:00 AM

LIMS Sample ID: 2086262

Date Received: 5/15/2019 10:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: SJR @ WELAKA BR RMP

Sample Preservation: ICE

Field ID: SJR @ WELAKA BR RMP

Analyst: Rachael Dragon

Sample Notes: The sample water was cloudy with specks.

Result: The dominant taxon was *Aphanizomenon flos-aquae*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Merismopedia tenuissima

Microcystis sp.

Undetermined

Dolichospermum circinale

Yes

Aphanizomenon flosaquae

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya contorta

Chlorophyceae

Oocystis sp.

Pediastrum sp.

Crucigenia apiculata

Closterium 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.