

DEP Algal Taxonomy Summary Report

Date Reported: 03/18/2020

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

Request ID: RQ-2020-03-09-04

Collector: Curtis Musson

Event ID: WAS-SECT-2020-03-11-01

Date Collected: 3/11/2020 11:15:00 AM

LIMS Sample ID: 2164491

Date Received: 3/11/2020 2:55:00 PM

Analysis: ALGAL_ID

Sample Container: Plastic Tube 50 mL

Site Location: Merritt's Mill Pond 500 Meters Upstream of Dam

Sample Preservation: ICE

Field ID: G2WA0009

Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained an algal mat in water. The benthic attached diatoms, *Navicula* sp., *Gomphonema* sp., and *Brachysira* sp., were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Oscillatoria limosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Oscillatoria sp.

Undetermined

Oscillatoria limosa

Yes

Plectonema wollei

Yes

Heteroleibleinia kuetzingii

Phormidium sp.

Undetermined

Chlorophyceae

Spirogyra sp.

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.