

DEP Algal Taxonomy Summary Report

Date Reported: 10/04/2019

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

Request ID: RQ-2019-09-16-20

Collector: Curtis Musson

Event ID: WAS-SECT-2019-10-03-01

Date Collected: 10/2/2019 09:41:00 AM

LIMS Sample ID: 2124457

Date Received: 10/3/2019 9:11:00 AM

Analysis: ALGAL_ID

Sample Container: Plastic Tube 50 mL

Site Location: Stone Mill Creek Upstream of Dianna St.

Sample Preservation: ICE

Field ID: G2WA0012

Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a mat of flocculent diatoms and debris. The benthic diatoms, *Eunotia* sp., *Frustulia* sp., *Pinnularia* sp., *Navicula* sp., *Tabellaria fenestrata*, and *Eunotia pectinalis* were abundant. Algae appeared alive and healthy.

Result: The dominant taxon was *Audouinella hermannii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Oscillatoria sp.

Undetermined

Oscillatoria granulata

Chlorophyceae

Mougeotia sp.

Cosmarium sp.

Oedogonium sp.

Rhodophyceae

Audouinella hermannii

* 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.