

DEP Algal Taxonomy Summary Report

Date Reported: 4/26/2018 Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2018-01-22-29 Collector: Steve Cofone
Event ID: WQAP-2018-04-24-01 Date Collected: 4/23/2018 1:45:00 PM
LIMS Sample ID: 1986688 Date Received: 4/24/2018 10:15:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Franklin Locks upstream Sample Preservation: ICE
Field ID: Franklin Locks upstream Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was mostly clear and the algae appeared alive and healthy. Some benthic diatoms, *Coscinodiscus* sp., *Aulacoseira* sp., *Melosira* sp., *Thalassiosira* sp., *Cyclotella* sp., *Bacillaria paxillifer* and *Synedra ulna* were present. *Microcystis* sp. was not present in this sample.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Aphanocapsa sp. Undetermined
Snowella sp.
Merismopedia warmingiana

Chlorophyceae

Chlamydomonas sp.
Eudorina elegans
Coccomonas sp.
Schroederia judayi
Westella botryoides
Closteridium sp.
Scenedesmus quadricauda
Tetrastrum elegans
Cosmarium sp.

Euglenophyceae

Euglenaceae
Trachelomonas sp.
Monomorphina sp.

Dinophyceae

Glenodinium sp.
Peridinium sp.

Cryptophyceae

Cryptomonas 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.