

DEP Algal Taxonomy Summary Report

Date Reported: 08/29/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-07-31-56 Collector: Matt Watkins
Event ID: SJRWMD-2017-08-25-01 Date Collected: 8/24/2017 10:13:00 AM
LIMS Sample ID: 1924498 Date Received: 8/25/2017 10:10:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Doctors Lake 200m East of Romeo Point Sample Preservation: ICE
Field ID: Doctors Lake 200m East of Rome Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was mostly clear, and the algae appeared alive and healthy. The benthic diatoms *Aulacoseira* sp., *Skeletonema* sp., and *Thalassiosira* sp. were present.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Synechocystis</i> sp.	Undetermined
<i>Coelomoron pusillum</i>	
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix</i> sp.	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Pandorina sp.
Ankistrodesmus falcatus
Planktosphaeria gelatinosa
Scenedesmus acuminatus
Crucigenia rectangularis

Dinophyceae

Glenodinium 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.