

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 9:44:00 AM
LIMS Sample ID: 1924497 Date Received: 8/25/2017 10:10:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: LSJR 0.5 South of Doctors Lake Inlet Sample Preservation: ICE
Field ID: LSJR 0.5 South of Doctors Lake Analyst: Isaura Lorenzo-Perez
Sample Notes: Very few specks were visible in the sample. The benthic diatoms *Aulacoseira* sp., *Skeletonema* sp., *Cyclotella striata* and *Thalassiosira* sp. were present. Algae appeared alive and healthy.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Planktolyngbya contorta</i>	

Chlorophyceae

Chlamydomonas sp.
Ankistrodesmus falcatus
Pediastrum duplex
Scenedesmus quadricauda

Euglenophyceae

Phacus sp.

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.