

FDEP Algal Taxonomy Summary Report

Date Reported: 11/16/2016 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2016-10-31-62 Collector: Terry Riordan, Leif Boman
Event ID: CEN-DIST-2016-11-02-02 Date Collected: 11/1/2016 12:15:00
LIMS Sample ID: 1846793 Date Received: 11/2/2016 10:30:00
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Blue Springs (Lake Co) @ Weir Sample Preservation: ICE
Field ID: G1CE0024 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water the following with benthic, attached diatoms: *Terpsinoe musica*, *Eunotia* sp. and *Gomphonema* sp. Algae appeared alive and healthy.

Result: The co-dominant taxa were *Cladophora* sp. (Class Chlorophyceae) and *Phormidium* sp. (Class Cyanophyceae).

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Gloeotrichia</i> sp.	
<i>Oscillatoria</i> sp.	Undetermined
<i>Heteroleibleinia kuetzingii</i>	
<i>Phormidium</i> sp.	Undetermined
<i>Geitlerinema acutissimum</i>	Yes

Chlorophyceae

Cladophora sp.
Rhizoclonium hieroglyphicum
Oedogonium 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.