FDEP Algal Taxonomy Summary Report

Date Reported: 8/02/2016 Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us

Request ID: RQ-2016-07-25-33 Collector: LEIF BOMAN

Event ID: CEN-DIST-2016-07-26-02 Date Collected: 7/25/2016 1:15:00 PM

LIMS Sample ID: 1818860 Date Received: 7/26/2016 9:50:00 AM

Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL

Site Location: BLUE SPRINGS (LAKE COUNTY) @ 50M DS Sample Preservation: ICE

Field ID: G1CE0031 Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water, along with a benthic attached diatoms, *Terpsinoe musica*, *Eunotia* sp., *Gomphonema* sp. and *Fragilariaceae*. Algae appeared alive and healthy.

Result: The co-dominant taxa were *Plectonema wollei* (Class Cyanophyceae) and *Hydrodictyon* sp. (Class

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Oscillatoria sp.	Undetermined
Plectonema wollei	Yes
Pseudanabaena sp.	Undetermined
Heteroleibleinia kuetzingii	
Xanthophyceae	
Vaucheria sp.	
Chlorophyceae	
Hydrodictyon 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.