DEP Algal Taxonomy Summary Report

Date Reported: 5/26/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-05-22-65 Collector: J Parrish
Event ID: NE-DIST-2017-05-24-03 Date Collected: 5/22/2017 1:00:00 PM
LIMS Sample ID: 1901514 Date Received: 5/24/2017 9:55:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Egan Creek Lake @ Lake side Sample Preservation: ICE
Field ID: G4NE0282 Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample was received in two tubes. Both aliquots were similar in their taxonomic composition. The water was green in color. A few diatoms, *Eunotia* sp. and Fragilariaceae, were present. Algae appeared alive and healthy.

Result: The dominant taxon was *Dolichospermum circinale.*

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Merismopedia warmingiana	
Microcystis aeruginosa	Yes
Cylindrospermopsis raciborskii	Yes
Dolichospermum circinale	Yes
Aphanizomenon flosaquae	Yes
Pseudanabaena sp.	Undetermined
Romeria 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.