

DEP Algal Taxonomy Summary Report

Date Reported: 12/19/2019
Request ID: RQ-2019-12-23-31
Event ID: WQAP-2019-12-19-05
LIMS Sample ID: 2145339
Analysis: BLOOM-ID
Site Location: Lake Trafford
Field ID: SD121819-001

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Collector: Chase Conley/Nicole Reistad
Date Collected: 12/18/2019 9:05:00 AM
Date Received: 12/19/2019 11:00:00 AM
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Rachael Dragon

Sample Notes: The sample water was cloudy with specks.

Result: The co-dominant taxa were *Microcystis* sp. and *Cyanodictyon imperfectum*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium sp.

Cyanodictyon imperfectum

Aphanocapsa sp.

Undetermined

Snowella lacustris

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis sp.

Undetermined

Cylindrospermopsis raciborskii

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya microspira

Chlorophyceae

Ankistrodesmus falcatus

Monoraphidium sp.

Pediastrum sp.

Scenedesmus abundans

Crucigenia rectangularis

Closterium 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.