



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

June 2016

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: Blue Springs (Lake County) @ Weir Date: 11-1-16
(G1CE0024)
STORET Station ID: 20020459 WBID: 2838C Latitude: 28.74860942
(mm/dd/yyyy)
County: Lake RQ - 2016-10-31-62 ORG ID: 21 FL CFW Longitude: -81.82770515
(Decimal Degrees)
Receiving Body of Water: Lake Harris Field ID: G1CE0024
(Decimal Degrees)

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Terry R. Jordan				✓		✓		
Leif Boman					✓		✓	

Sampling Equipment			
☒ Sample Container	☐ Van Dorn	☐ Pole	
☐ Carboy	☒ Syringe		
☐ Dipper	☐ Other		
Equipment ID			

Collection Method			
☐ Wading	☐ Via Boat		
☒ From Shore	☐ Canoe/Kayak		
☐ Other (note below)	☐ Electric Motor		
	☐ Gasoline Motor		

Water Level: Dry / Low / <u>Normal</u> / High / Flooded				Matrix: <u>Fresh</u> / Marine / DI						
Meter ID# <u>W-C / BOOP AB</u>				Photos: Yes / <u>No</u>						
				Tide Falling: Yes / No / <u>NA</u>						
Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>1215</u>	<u>0.3</u>	<u>1.4</u>	<u>2.3</u>	<u>27</u>	<u>7.7</u>	<u>0.13</u>	<u>1.4(5)</u>	<u>283</u>	<u>23.8</u>
CEN										

Biological Samples Collected: <u>None</u> HA SCI LVS RPS LVI Other									
Parameter Suite	Parameter Methods				Preservation	Acid Lot#	Expiration	pH Check	
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4			☒ <2	
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO2			☐ <2	
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice				
Chlorophyll	☒ CHLSUITE-W				☒ Ice				
BOD	☐ BOD-UNIN				☐ Ice				
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice				
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY				☐ Ice				
Macroinvertebrates	☐ MI-FW-QLDC				☐ Formalin				
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ QPCR				☐ Ice				
Periphyton	☐ ALGAE-ID				☐ Ice				
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R				☐ Ice				
	☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH				☐ Other				
Algae-ID					☒ Ice				

Contains
1:1
Sulfuric Acid
SA-6209120
EXP: 07/27/17
Warning!
See SDS

Adhesive Sticker(s) Here
(if Available)

Notes: Flow for rivers/streams: _____ m/s <u>Flow N/A due to surface winds</u>	RQ-2016-10-31-62 Blue Springs (Lake Co.) @ Weir Date: 11/1/2016 Time: _____	G1CE0024 Field ID ↑ STORET ↓ 20020459
Signature: <u>[Signature]</u>	Date: <u>11/1/16</u>	

Field Parameters Entered into LIMS: _____ T.Sheet Updated: ☐ Field Parameters QC in LIMS: _____ T.Sheet Updated: ☐
(Initials/Date) (Initials/Date)
Date Migrated to STORET: _____ T.Sheet Updated: ☐ Field Sheets Scanned/Saved: _____ T.Sheet Updated: ☐
(Initials/Date) (Initials/Date)

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.