



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2020-02-10-30		Collected By: M. Bearden									
Customer: FDEP	Field Report Prepared By: M. Bearden										
Project ID: Bloom Response	Sampling Agency: 21FLTPA - SW ROC										
Location: WIN/Field ID HAB-SW-0013 		Comments: Particulates suspended in water column WIN ID: 41880									
Site Name: Lake Ariana - Near ramp		Coordinates:									
WIN ID:		Collection Equip: Bottles - Direct Grab									
Matrix: Fresh		High Tide Time: N/A	Low Tide Time: N/A								
Grab		Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A									
Water Quality											
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)	
02/25/20 1000	1000	100.4	9.21	19.6	7.85	0.3	2.5	0.5	229.8	0.11	
02/25/20	1002	97.1	8.93	19.4	7.81	2.0	2.5		230.1	0.11	
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick							
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque							
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other: _____	☐ N/A						
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other: _____	☐ N/A							
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☐ Other: _____						
Parameter Suite	Parameter Methods			Preservation		pH Check	#Bottles Sent to Lab	Bottle Group			
Bloom ID (PT-50mL)	☒ BLOOM-ID			☒ Ice			1	A			
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice			1	B			
Toxins (BG-WD250)	☒ W-MCYST-AA			☒ Ice			1	B			
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice ☒ H2SO4		☒ <2	1	B			
Preserved Nutrients (500mL HDPE)	Acid Lot: SA 9301030		Exp: 10/28/20								
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	B		
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C		☒ Ice		Lugols? Y / N			1	C		
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time					
K. Parra	2/25/20	1 - hand delivered									