



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

RQ - 2020-06-22-56		Collected By:	Robin Speidel, Stacy Joyner							
Customer:	FDEP	Field Report Prepared By:	Robin Speidel							
Project ID:	Bloom Response	Sampling Agency:	SWFWMD							
Location: Lake Hancock		Comments: total depth 1.72m								
WIN/Field ID		WIN ID: 42448								
HAB-SW-0018a										
HAB-SW-0018										
										
Site Name: Lake Hancock - SE Corner		Coordinates:	27°56'60"N, 81°50'5"W							
		Collection Equip:	Bottles - Direct Grab							
		High Tide Time:	N/A	Low Tide Time:	N/A					
Matrix:	Fresh	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)
6/22/20	10:30	120.5	8.98	30.8	9.24	1.5	1.72	.2	209	.10
		55.9	4.21	30.5	8.83	1.22			205	.10
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			
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice	☒ H2SO4	☒ <2	1	B		
	Acid Lot:			Exp:						
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					
M. Bearden	6/22/20 1600	1								