



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

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

RQ -		Collected By:								
Customer:	FDEP	Field Report Prepared By:	Matthew Bearden							
Project ID:	Bloom Response	Sampling Agency:	21FLTPA - SW ROC							
Location: Bear Creek @ Bamboo		Comments: No Bloom taking place. Water clear. Surface has float aquatic vegetation and trash. Aquatic veg dominated with Lemna sp. some pistia and azolla.								
Field ID:		Coordinates:								
		Collection Equip: Bottles - Direct Grab								
WIN ID:		High Tide Time:	Low Tide Time:							
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 (PPTth)
2/24/21	0945	38.9	3.44	21.2	6.79	0.3	0.6	0.6 "5"	450.3	0.22
/	/	/	/	/	/	/	/	/	/	/
Bloom Observations										
Algal Bloom Observed? ☐ Yes ☒ No										
Water Surface	☐ Clear	☐ Scum	☐ Glob	☐ 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			

County collecting bloom ID and will ID in-house