



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

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

RQ - 2020-04-13-44		Collected By:	Ben Paswater							
Customer:	FDEP	Field Report Prepared By:	Ben Paswater							
Project ID:	Bloom Response	Sampling Agency:	21FLTPA - SW ROC							
Location:		Comments:								
WIN/Field ID		Coordinates:								
HAB-SW-0023		Collection Equip: Bottles - Direct Grab								
Site Name: Harbor Isles - NW Lobe		High Tide Time: Low Tide Time:								
Matrix:	SALT	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 _h)
8/24/20	1245	202.9	14.55	31.3	8.65	0.3	0.6	0.1	10794	6.06
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Surface	☐ Clear	☒ Scum	☐ Globbs	☐ 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: Algae					
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:	SA9354050	Exp:	12/10/20					
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice		1	B		
		Filter Lot #								
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			
Ben Paswater	8/24/20 4:00 pm		1							



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Customer:	FDEP	Field Report Prepared By:	Ben Paswater							
Project ID:	Bloom Response	Sampling Agency:	21FLTPA - SW ROC							
WIN/Field ID		Comments:								
HAB-SW-0008										
Site Name: Harbor Isles - Southern Lobe		Coordinates:	27.8367 -82.614							
		Collection Equip:	Bottles - Direct Grab							
WIN ID:		High Tide Time:		Low Tide Time:						
Matrix:	SALT	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)
8/24/20	1230	131.8	9.54	30.3	8.07	0.3	0.5	0.5	10780	6.06
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: <u>Algae</u>					
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: SA9354050		Exp: 12/20/20							
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				
Ben Paswater	8/24/20	1								