



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

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

RQ - 2021-03-08-13		Collected By: Mathew Bearden								
Customer: FDEP		Field Report Prepared By: Francisco Faria								
Project ID: Bloom Response		Sampling Agency: 21FLTPA - SW ROC								
WIN/Field ID: HAB-SW-0026a HAB-SW-0026		Comments:								
Site Name: Harbor Isles - Center		Coordinates:								
WIN ID: 40880		Collection Equip: Bottles - Direct Grab								
Matrix: marine		High Tide Time: / Low Tide Time: /								
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 (PPTH)
03/04/21	1130	62.9	5.14	23.6	8.25	0.3	4.6	0.6	11568	6.59
1	1135	33.6	2.71	23.2	7.97	4.1	1	1	11574	6.60
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					
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter Filter Lot # 17020459		1	B					
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice Lugols? Y / N		1	C					
Relinquished By: Francisco Faria	Date/Time: 03/04/21 1600	Number of Coolers Shipped: 3	Received By:	Date/Time:						