



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: Matthew Bearden									
Customer: FDEP		Field Report Prepared By: Francisco Faria									
Project ID: Bloom Response		Sampling Agency: 21FLTPA - SW ROC									
Location: HAB-SW-0023b WIN/Field ID: HAB-SW-0023		Comments:									
											
Site Name: Harbor Isles - NW Lobe		Coordinates:									
		Collection Equip: Bottles - Direct Grab									
WIN ID: 40880		High Tide Time: / Low Tide Time: /									
Matrix: marine		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	1145	51.3	4.19	23.6	8.11	0.3	3.1	0.6	11582	6.60	
1	1149	30.2	2.49	23.0	7.91	2.6	1	1	11547	6.58	
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: ☐ N/A											
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			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:			