



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

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

RQ - 2019-09-09-35		Collected By: Jordan Skaggs Drew Liddick	
Customer: WQAP	Field Report Prepared By: Jordan Skaggs		
Project ID: BLOOM-RESP	Sampling Agency: ZIFLWPB		
Location: St. Lucie Lock		Comments:	
Field ID: St. Lucie Lock		Coordinates:	
		Collection Equip:	
WIN ID:	High Tide Time:	Low Tide Time:	
Matrix:	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)
01/27/2020	1100	63.8	5.92	19.1	7.51	0.3	4.2	1.2	473.8	0.23
"	1059	61.1	5.73	18.8	7.60	3.8	4.2	1.2	482.9	0.23

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			
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice			
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice			
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2		
	Acid Lot:	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter	☒ Ice			
	Filter Lot #				
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y / N		
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	