



Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

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

RQ - 2023-05-29-64				Collected By:		Andrew Lueling, Jordan Skaggs				
Customer:		SE-DIST		Field Report Prepared By:		Andrew Lueling				
Project ID:		BLOOM_RESP		Sampling Agency:		SEROC				
Location: C-107 at NW Volucia Drive				Comments:						
Field ID: SEHAB0095				Coordinates:		27.34492, -80.39288				
WIN Secondary Resource Type: Canal				Collection Equip:		WaterBottle				
WIN ID: SEHAB0095				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 (PPTH)
07/05/2023	12:15	35.4	2.58	31.5	7.09	0.15	0.3	0.2	490.8	0.23
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Clarity		☐ Clear		☐ Slightly Turbid		☒ Turbid		☐ Opaque		
Bloom Color		☐ Green		☐ Red		☒ Brown		☐ Other:		
Algae Type		☐ Planktonic		☒ Filamentous		☐ Other:				
Algae Accumulation		☐ Mat		☐ Specks		☐ Scum		☒ Glob		
Algae Distribution		☐ Surface-Entire		☒ Surf-Localized		☐ Surf-Windblown		☐ Suspended		☐ Benthic ☐ Epiphytic
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID				☒ Ice			1	A
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B
Physical/Aggregate		☐ W-COLOR				☐ Ice				
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B
		Acid Lot:		SA3013020		Exp:		01/25/2024		
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter			☒ Ice		1	B
				Filter Lot # 17441866						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time	
Andrew Lueling		07/05/2023 15:30		1						