



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

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

RQ - 2024-03-04-71				Collected By:		Andrew Lueling, Jordan Skaggs				
Customer:		SE-DIST		Field Report Prepared By:		Andrew Lueling				
Project ID:		BLOOM_RESP		Sampling Agency:		SEROC				
Location: St. Lucie Canal - 96th Street Bridge				Comments:						
Field ID: SEHAB0111				Coordinates:		27.08805, -80.30251				
WIN Secondary Resource Type: Canal				Collection Equip:		WaterBottle				
WIN ID: SEHAB0111				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)
04/02/2024	13:30	84.4	6.98	24.8	7.6	0.3	0.6	0.2	441.3	0.21
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	C
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	C
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	C
		SA3340020		Exp:		12/11/2024				
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice			1	C
		Filter Lot #		17347262						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time	
Andrew Lueling		04/02/2024 16:00		1						