



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

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

RQ - 2023-07-03-50				Collected By:		Matt Bearden, Victoria Schwartz				
Customer:		CEN ROC		Field Report Prepared By:		Matthew Bearden				
Project ID:		BLOOM_RESP		Sampling Agency:		CEROC				
Location: Lake Howell - N Shore				Comments: Sunny. Water green with some algae specks observed in water column						
Field ID: HABCE0212				Coordinates:		28.64343, -81.31158				
WIN Secondary Resource Type: Lake				Collection Equip:		WaterBottle				
WIN ID: HABCE0212				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)
09/12/2023	12:58	101.2	7.58	30.5	6.46	0.3	0.5	0.5	152.2	0.07
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			1	B
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B
		Acid Lot: SA3013020		Exp: 01/25/24						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice			1	B
		Filter Lot # 17769663								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time	
Matthew Bearden		09/12/2023 16:00		1						