



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

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

RQ - 2022-12-12-33				Collected By:		Andrew Lueling, Tirzah Chichester						
Customer:		WQAP		Field Report Prepared By:		Andrew Lueling						
Project ID:		BLOOM_RESP		Sampling Agency:		SEROC						
Location: Lake Marian - Boat Ramp				Comments:								
Field ID: SEHAB0089				Coordinates:		27.87279, -81.05198						
WIN Secondary Resource Type: Lake				Collection Equip:		WaterBottle						
WIN ID: SEHAB0089				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)		
01/30/2023	11:30	104.8	9.47	20.3	7.44	0.3	1.72	0.3	136.1	0.06		
	11:36	99.6	9.05	20.1	7.33	1.22				135.7	0.06	
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		
Algal ID (PT-50mL)		☐ ALGAL-ID				☐ Ice						
Bloom ID (PT-50mL)		☒ 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		
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B		
		Acid Lot:		SA2229010		Exp:		08/30/2023				
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		01/30/2023 16:00		1								