



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

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

RQ - 2024-05-27-31				Collected By:		Nathan Mulkey, Frank Butera				
Customer:		NWROC		Field Report Prepared By:		Nathan Mulkey				
Project ID:		BLOOM_RESP		Sampling Agency:		NWROC				
Location: Lake Cassidy				Comments: Central lab not accepting ortho phos or color at time of sampling						
Field ID: NWHAB0019				Coordinates:		30.81621, -86.03108				
WIN Secondary Resource Type: Lake				Collection Equip:		WaterBottle				
WIN ID: NWHAB0019				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)
05/28/2024	10:30	114.2	8.81	28.9	6.13	0.3	10.2	1.8	14.9	0.01
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				
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☐ <2	1	C
		Acid Lot: 3193140		Exp: 07/31/2024						
Filtered Nutrients (P125mL)		☐ W-PO4-F		☐ Field Filtered 0.45µm Filter		☐ Ice				
		Filter Lot #								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Nathan Mulkey		05/28/2024 16:00		1						