



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

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

RQ - 2022-05-209-23	Collected By: Terry Riordan
Customer: WQAP	Field Report Prepared By: Terry Riordan
Project ID: BLOOM-RESP	Sampling Agency: 21FLCEN
Location:	Comments:

Field ID: HABCE0127_LakeBuffum

Win ID: HABCE0127

Lake Buffum - Boat Ramp

Coordinates: **27.7863, -81.6786**
Collection Equip: **pole, container, syringe**
High Tide Time: _____ Low Tide Time: _____

WIN ID:	Matrix: Fresh	Grab: ☒	Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A
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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 (PPT)
6/16/22	12:40	105.2	7.45	33.8	6.58	0.3 0.15	0.3	0.3	119.1	0.05

Bloom Observations										
Algal Bloom Observed?	☒ Yes	☐ No								
Water Surface	☐ Clear	☐ Scum	☐ Globs	☒ Slick						
Water Clarity	☒ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other: _____	☐ N/A					
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other: _____	☐ N/A						
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☐ Other: _____					

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4 ☒ <2		1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: SA1308030	Exp: 12/01/2022			
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter	☒ Ice		1	B
	Filter Lot # 17413308				
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C ☒ Syring-133526	☒ Ice	Lugols? Y / N		
Relinquished By: Terry Riordan	Date/Time: 6/16/22 16:00	Number of Coolers Shipped: 1	Received By:	Date/Time:	