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

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

RQ - 2024-06-03-50		**Collected By:**	Ken Turman, Hannah Henning
Customer:	SWROC	**Field Report Prepared By:**	KTURMAN
Project ID:	BLOOM_RESP	**Sampling Agency:**	SWROC
Location: Alafia State Park - Resident Lake		**Comments:**	
Field ID: HAB-SW-0299		**Coordinates:**	27.77481, -82.14288
WIN Secondary Resource Type: Lake		**Collection Equip:**	WaterBottle
WIN ID: HAB-SW-0299		**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)
07/15/2024	11:00	112	8.34	31	7.37	0.3	1	0.3	131.5	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
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: SA3193140	Exp: 07/31/2024			
Filtered Nutrients (P125mL)	■ W-PO4-F	■ Field Filtered 0.45um Filter; Filter Lot # 17910382	■ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	☐ Lugols		

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
KTurman	07/15/2024 11:10	1		