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

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

RQ - 2023-06-12-19		**Collected By:**	Terry Riordan, Denver Bourassa
Customer:	CEN-DIST	**Field Report Prepared By:**	TERRY RIORDAN
Project ID:	BLOOM_RESP	**Sampling Agency:**	CEROC
Location: Tiger Lake - Center		**Comments:** 85 degrees clear breezy	
Field ID: HABCE0185_TigerLake2		**Coordinates:**	27.89438, -81.35366
WIN Secondary Resource Type: Lake		**Collection Equip:**	WaterBottle
WIN ID:HABCE0185		**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)
06/15/2023	11:40	100.9	7.67	30.3	8.74	0.3	2.4	0.3	130.4	0.06
	11:50	50.1	3.79	29.6	7.16	2			133	0.06
	11:53	48.7	3.65	29.7	7.07	1.9			132.9	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: SA3013020	Exp: 01/25/24			
Filtered Nutrients (P125mL)	■ W-PO4-F	■ Field Filtered 0.45um Filter; Filter Lot # 17769663	■ 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
TERRY RIORDAN	06/15/2023 08:26	1		