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

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

RQ - 2020-03-02-71		**Collected By:**	Thommy Baker, Will Mulln
Customer:	FDEP	**Field Report Prepared By:**	William Mullen
Project ID:	BLOOM_RESP	**Sampling Agency:**	SOROC
Location: Caloosahatchee - San Carlos Basin		**Comments:**	
Field ID: HAB-SD-110122-0900		**Coordinates:**	26.58161, -81.97183
WIN Secondary Resource Type: Canal		**Collection Equip:**	WaterBottle
WIN ID: HAB-SD-0116		**High Tide Time:**	**Low Tide Time:**
Matrix: Marine	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)
11/01/2022	09:00	49	3.74	27.1	7.38	0.3	1.2	1.2	12630	7.23

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: 06/03/23			
Filtered Nutrients (P125mL)	■ W-PO4-F	■ Field Filtered 0.45um Filter; Filter Lot # 17441866	■ 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
William Mull3n	11/01/2022 15:00	1		