Revision Author: C. Swanson

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

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

RQ - 2021-08-02-60		**Collected By:**	Monica Jaegers
Customer:	FDEP	**Field Report Prepared By:**	William Muller
Project ID:	WQAP Algal Bloom Resp	**Sampling Agency:**	FDEP DEAR SoROC
Location: Black Born Park Kayak launch West		**Comments:**	OU-TOXN-LC x2 Sampled for Filamentous Algae. Send to Green Water
Field ID: HAB-SD-04262022-1000		**Coordinates:**	27.1811565, -82.4955309
		Collection Equip:	Bottle + Pole
WIN ID: HAB-SD-066		**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)
04/26/22	1000	98.1	6.59	25.4	8.04	0.3	0.8	0.8	53603	35.42

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: Filamentous	☐ N/A
Algae Distribution	☐ Suspended in water column		☒ On surface	☒ Other: Attached	☐ 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			
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Toxins (BG-WD250)	☐ W-MCYST-AA	☐ Ice			
Preserved Nutrients (500mL HDPE)	☐ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☐ Ice ☐ H2SO4	☐ <2		
	Acid Lot:	Exp:			
Filtered Nutrients (P125mL)	☐ W-PO4-F	☐ Field Filtered 0.45um Filter ☐ Ice Filter Lot #			
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time

Request Number: RQ-2021-08-02-60

Algal Bloom Response Matlacha Pass -SOROC

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Project ID: BLOOM-RESP

Requester: John Watts

Collected By: Monica Jaeger

Field Report Prepared By: William Muller

Sampling Agency: FDEP DEAR SOROC

Sample 1

Field	Value
Location	Black Born Park Kayak launch West
Comp / Grab	☐ Comp ☒ Grab
Collection (comp begin or grab)	Date 04/26/2022 Time 1000 (Eastern)
Composite end	Date / Time
Bottle Group(s) (See pg 2)	A
Field ID	HAB-SD-04262022-1000
Matrix (type, e.g., Salt, Fresh, etc)	Marine
Diss. Oxygen	6.54 ☒ mg/L; 98.1 ☒ % sat
Total Res. Chlorine (mg/L)	
WIN/STORET #	HAB-SD-066
Temp (C)	25.4
pH	8.04
Sample Depth	0.3 ☐ ft ☒ m
Sp. Conductance (umho/cm)	53603
Latitude	27.1811565 ☐ dd ☐ dms
Longitude	-82.4955309 ☐ dd ☐ dms
Salinity (ppt)	35.42
Comments	Secchi 0.8m Total Depth 0.8m OV-TOXN-LC x2. 1 Just water 1 with Filamentous sample

Sample 2

Field	Value
Location	
Comp / Grab	☐ Comp ☐ Grab
Collection (comp begin or grab)	Date / Time (Eastern / Central)
Composite end	Date / Time
Bottle Group(s)	
Field ID	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen	☐ mg/L ☐ % sat
Total Res. Chlorine (mg/L)	
WIN/STORET #	
Temp (C)	
pH	
Sample Depth	☐ ft ☐ m
Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms
Longitude	☐ dd ☐ dms
Salinity (ppt)	
Comments	

Sample 3

Field	Value
Location	
Comp / Grab	☐ Comp ☐ Grab
Collection (comp begin or grab)	Date / Time (Eastern / Central)
Composite end	Date / Time
Bottle Group(s)	
Field ID	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen	☐ mg/L ☐ % sat
Total Res. Chlorine (mg/L)	
WIN/STORET #	
Temp (C)	
pH	
Sample Depth	☐ ft ☐ m
Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms
Longitude	☐ dd ☐ dms
Salinity (ppt)	
Comments	

Sample 4

Field	Value
Location	
Comp / Grab	☐ Comp ☐ Grab
Collection (comp begin or grab)	Date / Time (Eastern / Central)
Composite end	Date / Time
Bottle Group(s)	
Field ID	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen	☐ mg/L ☐ % sat
Total Res. Chlorine (mg/L)	
WIN/STORET #	
Temp (C)	
pH	
Sample Depth	☐ ft ☐ m
Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms
Longitude	☐ dd ☐ dms
Salinity (ppt)	
Comments	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time

Group: A Bottle Type: BG-250ML-WDMTH # of Bottles: 3 Preservative: ICE **Enter Number of Bottles Sent to Lab** 2

OV-TOXN-LC