Effective Date: 11/30/2017
Review/Revision Date: 11/28/2017
Author: C. Swanson and J. Walters
AB-17-1.10

RD
2019-06-24-60

Appendix A

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-6-06 V2)

WATERBODY	DATE (M/D/YY):	TIME: (AM)	Case ID#:
Tampa Bay / Mouth of Hillsborough River	06/26/2019	1400	4133

COUNTY:	LOCATION:	NEAREST TOWN/CITY:
Hillsborough	HILLS. RIVER @ DAVIS ISLAND	Davis Island

Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow- ☐

Samples collected: ☒ yes ☐ no

Samples submitted to: FDEP

Photos Taken: ☒ yes ☐ no

Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐

Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐

Algal ID & enumeration: ☐ Nutrients: ☐ Chl-a: ☐ AGP: ☐ Turbidity: ☐ Toxin: ☐ _____ Specify

Estimated size of bloom: Not observed

Impounded: ☐ yes ☐ no

Lake/Estuary Typical depth: 0.7 m deep

Inflows: ☒ yes ☐ no

Outflows: ☒ yes ☐ no

Stream/River/Canal: _____ m wide

Typical Transect: _____ m deep (Left bank) _____ m deep (Middle) _____ m deep (Right bank)

Water velocity: _____ m/s (Left bank) _____ m/s (Middle) _____ m/s (Right bank)

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐

Description of Bloom/ not obs.

Present Weather conditions: Sunny + hot w/ light wind

Latitude: 27.9091 (Degrees / Minutes / Seconds)

Longitude: -82.4465 (Degrees / Minutes / Seconds)

Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)

Last rain event: 3 DAYS

Sketch bloom area on the attached map. Indicate wind direction.

Rainfall amount: _____

ONLY ATTACHED MAPS ALLAE VISIBLE

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Sal	DO %	Secchi (m)
Top	0.3	32.8	7.92	9.30	33746	20.97	145.6	0.7 S
Mid-depth								
Bottom								

System Type: Stream: ☐ (1st - 2nd order, 3rd - 4th order, 5th - 6th order, 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☒ Other: ☐ _____

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐ _____

Water Surface (check box): Clear: ☒ Scum: ☐ Globs: ☐ Slick: ☐

Water Clarity (check box): Clear: ☒ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐

Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☐ NO COLOR

Abundance:	Absent	Rare	Common	Abundant
Periphyton	☐	☐	☐	☐
Fish	☐	☐	☒	☐
Aquatic Macrophytes	☐	☐	☒	☐
Iron/sulfur Bacteria	☒	☐	☐	☐

AGENCY: FDEP

Contains: 1.1 H2SO4
Lot No: SA9010030
Expires: 04/10/20
See Safety Data Sheet (SDS)

SULFURIC ACID <51%

Site Name: Hills. River Mouth @ Davis Island

Date: 06/26/2019

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Th e on-line versio

Request Number: RQ-2019-06-24-60

Algal Bloom Response - SWD

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: J. ASHTON, S. MEYER

Field Report Prepared By: [illegible] ASHTON

Sampling Agency: FDEP

Site Name: Hills. River Mouth @ Davis Island

Date: 06/26/2019

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-26-19 Time 1400	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) A/B/C/D
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.30	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/S	Temp (C) 32.5	pH 7.92	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 3746	
Latitud ☐ dms	☐ dd ☐ dms	Salinity (ppt) 20.97	Comments			

Location	☐ 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			

Location	☐ 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			

Location	☐ 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
J. Ashton	6-26-19 1600	FED Ex	1		

Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: W-MCYST-TA	BG-250ML-WDMTH	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
Group: D	Bottle Type: DTY-QN-C PKD-QN-C	BP-1L	# of Bottles: 6	Preservative:	Lugols	**Enter Number of Bottles Sent to Lab**	1