Appendix A

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

WATERBODY	DATE (M/D/YY):	TIME: (AM)	Case ID#:
Blind Pass	08/20/19	1020	

COUNTY:	LOCATION:	NEAREST TOWN/CITY:
Pinellas	Near Blind Pass Bridge	St. Pete Beach

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

Samples collected: ☑ yes ☐ no

Samples submitted to: FDEP Tally

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: Impounded: ☐ yes ☐ no

Lake/Estuary Typical depth: 2.8 m deep Inflows: ☑ yes ☐ no Outflows: ☑ yes ☐ no

Stream/River/Canal: ____ m wide

Typical Transect: ____ m deep ____ m deep ____ m deep

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/ Present Weather conditions

Latitude ____ Degrees ____ Minutes ____ Seconds

Longitude ____ Degrees ____ Minutes ____ Seconds

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

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

Last rain event: ____

Rainfall amount: ____

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):			Secchi (m)
Top	0.3	28.9	7.86	7.63	42579			0.9
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: ☐ ____

Notes: Water slightly turbid, particulates noticed in water column

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

VISIT TEAM: Kaitlin Panzer AGENCY: SW ROC

Matt Bearden

last revised Jan 25, 2018

Request Number: RQ-2019-07-22-67

Algal Bloom Response - as needed

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Cheryl A. Swanson

Collected By: M. Bearden

Field Report Prepared By: M. Bearden

Sampling Agency: SW ROC

Site Name: Blind Pass Bloom Response

Date: 08/20/2019

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/19 Time 1020 (Eastern) Central	Composite end Date / Time	Bottle Group(s) (See pg 2) 4, B, C
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 7.63 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) /	
WIN/STORET #		Temp (C) 28.9	pH 7.86	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 42579
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		
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
M. Bearden	8/20/19 1330	Fed Ex	1		

Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: W-MCYST-AA	BG-250ML-WDMTH	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
Group: C	Bottle Type: DTY-QN-C PKD-QN-C	BP-1L	# of Bottles: 2	Preservative:	Lugols	**Enter Number of Bottles Sent to Lab**	1

Ref:
Dep:

Date: 09Aug19
Wgt: 10.00 LBS

DV: 0.00

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

Svcs: PRIORITY OVERNIGHT
TRCK: 4751 8762 6201