Appendix A

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-8-06 V2)

WATERBODY	DATE (M/D/YY):	TIME: (AM)	Case ID#:
	8/5/19	1105	

COUNTY:	LOCATION:	NEAREST TOWN/CITY:
Pinellas	South Pasadena	

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: n/a — Impounded: ☐ yes ☒ no

Stream/River/Canal ______ m wide
Typical Transect ______ m deep ______ m deep ______ m deep
Water velocity ______ m/s ______ m/s ______ m/s (Left bank, Middle, Right bank)

Lake/Estuary Typical depth: 2.7 m deep — Inflows: ☒ yes ☐ no — Outflows: ☒ yes ☐ no

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

Description of Bloom/ Present Weather conditions: Overcast, partly sunny

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: 8/3/19
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	30.00	7.44	-0.69*	46.989			0.8
Mid-depth								
Bottom	2.7	29.29	6.78	-1.78*	47.548			

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: ☒ n/a

Notes: *DO failed to pass CCV

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

VISIT TEAM: S Meyer & K Panzner — AGENCY: FDEP SW ROC

Contains 1:1 Sulfuric Acid
Lot No.: SA7163030
Expires: 06/12/18
See Safety Data Sheet (SDS)

Site Name: South Pasadena Bloom Response - Near Sunset Dr.

Date: 08/05/2019

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

Algal Bloom Response - as needed

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Cheryl A. Swanson

Collected By: S. Meyer K. Panzner

Field Report Prepared By: K. Panzner

Sampling Agency: FDEP SWROC

Site Name: South Pasadena Bloom Response - Near Sunset Dr.

Date: 08/05/2019

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/5/19 Time 1105	Eastern (crossed out) Central	Composite end Date — Time —			Bottle Group(s) (See pg 2): ABC
Matrix (type, e.g., Salt (circled), Fresh, etc)		Diss. Oxygen -0.69 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —			
Temp (C) 30.00	pH 7.44	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 46989			
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			

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Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	8/5/19 1700	Fedex	1		

Ref:
Dep:

Date: 22Jul19
Wgt: 9.00 LBS
DV: 0.00

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

Svcs: PRIORITY OVERNIGHT
TRCK: 4751 8782 0020