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Author: C. Swanson and J. Walters
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Appendix A

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

WATERBODY Tiger Bay		DATE (M/D/YY): 08/27/2019	TIME: (AM) 1232	Case ID#:			
COUNTY: Volusia	LOCATION: NW corner of Lake		NEAREST TOWN/CITY: DeLand				
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: DEP Lab - Tallahassee	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: ☒							
Estimated size of bloom: 10 m²		Impounded: ☐ yes ☒ no					
Lake/Estuary Typical depth 2.0 m deep		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					
Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no							
Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐							
Description of Bloom/ Latitude Degrees Minutes Seconds Longitude Degrees Minutes Seconds							
Present Weather conditions 90's clear 29.112266 -81.188272							
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map) Last rain event 8/26							
Sketch bloom area on the attached map. Indicate wind direction. 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	32.0	7.80	7.18	55.8	1.8	
Mid-depth							
Bottom	1.5	31.0	7.13	6.68	55.1		
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: ☐ Globbs: ☐ Slick: ☐							
Water Clarity (check box): Clear: ☒ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐							
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐							
Notes: No potentially threatening bloom observed though some filamentous algae present along NW littoral.				Abundance: Periphyton ☐ Absent ☐ Rare ☐ Common ☒ Abundant ☐ Fish ☐ ☐ ☐ ☒ ☐ Aquatic Macrophytes ☐ ☐ ☐ ☒ ☐ Iron/sulfur Bacteria ☒ ☐ ☐ ☐ ☐			

VISIT TEAM

FDEP CE.ROC

AGENCY:

Mike Linger

Mike Drennon