

Appendix A

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

WATERBODY <u>Lake Estelle</u>		DATE (M/D/YY): <u>4/9/19</u>	TIME: (AM) <u>1349</u>	Case ID#: <u>RQ-2019-02-04-52</u>
COUNTY: <u>Orange</u>	LOCATION:		NEAREST TOWN/CITY: <u>Orlando</u>	
Visit Type: ☒ Initial ☐ Recon ☐ Sampling ☐ Follow-	Samples collected: ☒ yes ☐ no	Samples submitted to: <u>FDEP Lab</u>		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:		Impounded: ☐ yes ☐ no		
Lake/Estuary Typical depth <u> </u> m deep		Stream/River/Canal <u> </u> m wide		
Inflows: ☐ yes ☐ no		Typical Transect <u> </u> m deep <u> </u> m deep <u> </u> m deep		
Outflows: ☐ yes ☐ no		Water velocity <u> </u> m/s <u> </u> m/s <u> </u> m/s		
		Left bank Middle Right bank		
Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐				
Description of Bloom/ <u>90° pt. cloudy, w winds smph</u>		Latitude <u>28.574172</u> Longitude <u>-81.366099</u>		
Present Weather conditions <u>Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)</u>		Last rain event <u>4/5 + 4/9</u>		
Sketch bloom area on the attached map. Indicate wind direction.		Rainfall amount <u>.57" + .11"</u>		

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	<u>DO %</u>	Secchi (m)
Top	<u>0.3</u>	<u>25.94</u>	<u>8.76</u>	<u>11.45</u>	<u>221 / 0.10</u>	<u>146.5</u>	<u>3.5 (s)</u>
Mid-depth							
Bottom	<u>3.0</u>	<u>23.27</u>	<u>7.55</u>	<u>7.08</u>	<u>227 / 0.11</u>	<u>82.2</u>	
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: <u>epiphytic filamentous on valisneria blades + some floating mats - may be Lyngbya dominant.</u>				Abundance: Periphyton ☐ ☐ ☒ ☒ Fish ☐ ☐ ☒ ☒ Aquatic Macrophytes ☐ ☐ ☒ ☒ Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

VISIT TEAM: FDEP - CEROC AGENCY: Mike Drennan / Mike Linger

→ otherwise water clear, winds from the west
Page 4 of 4 smph, 90° pt. cloudy

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