

Appendix A

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

WATERBODY Lake Reinhard		DATE (M/D/YY): 4/16/19	TIME: (AM) 958	Case ID#			
COUNTY: Osceola	LOCATION: 350 m SW of center		NEAREST TOWN/CITY: Celebration				
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: DEP Lab	Photos Taken: ☒ yes ☐ no				
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐							
Algal ID & enumeration: ☐ Nutrients: ☐ Chl-a: ☐ AGP: ☐ Turbidity: ☐ Toxin: ☐							
Estimated size of bloom: Entire Lake - suspended		Impounded: ☐ yes ☐ no					
Lake/Estuary Typical depth 5.5 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		☐ m/s ☐ m/s					
Left bank		Middle		Right bank			
Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐							
Description of Bloom/ Present Weather conditions 70's clear		Latitude Degrees Minutes Seconds 28.316403					
Longitude Degrees Minutes Seconds -81.541175		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):	00%	Secchi (m)
Top	0.3	24.8	7.28	8.51	330.1/0.16	102.5	0.7
Mid-depth	5.0						0.5
Bottom	5.5	18.0	6.70	0.25	280.0/0.13	2.2	AKL
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: ☐ (small globbs suspended)							
Water Clarity (check box): Clear: ☐ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐							
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐							
Notes: Approximately 13 Acre Lake, Bloom present 100% of area, seems to be receding					Abundance: Absent Rare Common Abundant		
					Periphyton ☐ ☐ ☒ ☐		
					Fish ☐ ☐ ☒ ☐		
					Aquatic Macrophytes ☐ ☐ ☒ ☐		
					Iron/sulfur Bacteria ☒ ☐ ☐ ☐		
VISIT TEAM:		AGENCY: Mike Drennan / Mike Linger			FDEP CEROL		