

Appendix A

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

WATERBODY Lake Weir, East Shore		DATE (M/D/YY): 7/12/18	TIME: (AM) 1110	Case ID# RQ-2018-04-30-40
COUNTY: Marion		LOCATION:		NEAREST TOWN/CITY: Weirsdale
Visit Type: ☐ Initial ☐ Recon ☒ Sampling ☐ Follow-	Samples collected: ☒ yes ☐ no	Samples submitted to: Central DEP Lab		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: Minimal- receding		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth 2.0 m deep		Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no		
Stream/River/Canal		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/ Latitude Degrees Minutes Seconds Longitude Degrees Minutes Seconds mid 80's, light wind, partly cldy 29.00579, -81.92065
Present Weather conditions mid 80's, light wind, partly cldy
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map) Last rain event 7/9/18
Sketch bloom area on the attached map. Indicate wind direction. Rainfall amount .22"

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Secchi (m)
Top	0.3	31.92	8.40	8.13	245	0.8
Mid-depth	1.0	31.37	8.30	8.06	244	
Bottom	1.5	31.22	8.22	8.03	244	
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: * Minimal bloom left. Some brown/orange + globular (1. lit green) blooms @ East shore					Abundance: Periphyton ☐ ☒ ☐ ☐ Fish ☐ ☐ ☐ ☒ Aquatic Macrophytes ☐ ☐ ☐ ☒ Iron/sulfur Bacteria ☒ ☐ ☐ ☐	

VISIT TEAM: **T. Riordan** **M. Brennan** **21 FL CEM - DEP**