Lake Olivia HAB
9/24/2019
MKL / LMD

Appendix A

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

WATERBODY	DATE (M/D/YY):	TIME: (AM)	Case ID#:
Lk Olivia	9/24/19	1315	

COUNTY:	LOCATION:	NEAREST TOWN/CITY:
Orange	N. Boat Ramp	Gotha

Visit Type: Initial ☐ Recon ☐ Sampling ☐ Follow- ☑

Samples collected: ☑ yes ☐ no

Samples submitted to: FDEP 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: | Impounded: ☐ yes ☑ no

Lake/Estuary Typical depth: 1.0 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 (Left bank) | _____ m/s (Middle) | _____ m/s (Right bank)

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

Description of Bloom/ Present Weather conditions

Latitude (Degrees / Minutes / Seconds): 28.525822

Longitude (Degrees / Minutes / Seconds): -81.517543

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):			Secchi (m)
Top	0.3	28.7	8.69	10.22	244.6			1.0 (visible)
Mid-depth								
Bottom								

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: ☐ _____

Notes: No apparent bloom observed, sampling as a follow up.

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

VISIT TEAM: Mike Linger, Mike Drennan | AGENCY: FDEP CEROC

QQ-2019-08-12-37

9/24 start - 837.4

H_2SO_4 Lot# SA716 30 30 Exp: 10/30/19