

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: Doctorslake Lucy Branch		DATE (M/D/YY): 7/27/17	TIME: (M) (PM) 1045	Case ID#:
COUNTY: Clay		LOCATION: Doctorslake Lucy Branch		NEAREST TOWN/CITY:
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: Dep		Photos Taken: Survey 123 ☒ 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: small area of streaks Impounded: ☐ yes ☐ no				
Lake/Estuary Typical depth: 0.3 m deep		Inflows: ☒ yes ☐ no Outflows: ☐ yes ☐ no		
Stream/River/Canal		m wide		
Turbid Transient		m deep		
Water velocity		m/s		
Left bank		Middle		
		Right bank		

Canopy Cover:	Open: ☒	Lightly Shaded (11-45%): ☐	Moderately Shaded (46-80%): ☐	Heavily Shaded: ☐
Description of Bloom/	Latitude	30 08 24.5	Longitude	81 44 38.9
		Degrees Minutes Seconds	Degrees Minutes Seconds	
Present Weather conditions				
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 7/26/17 Rainfall amount previous night				

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):			Secchi (m)	
Top	0.3	30.2	8.57	11.22	3505			0.8	
Mid-depth									
Bottom	1.7								
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: ☒ Opaque: ☐									
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐									
Notes					Abundance:	Absent	Rare	Common	Abundant
					Periphyton	☐	☒	☒	☐
					Fish	☐	☐	☒	☐
					Aquatic Macrophytes	☐	☐	☒	☐
					Iron/sulfur Bacteria	☐	☒	☐	☐

VISIT TEAM:

Jerry Carr	Fetep 7/27/17
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