

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

SD100819-001

WATERBODY NAME: Lake O		DATE (M/D/Y): 10/8/19	TIME (AM) (PM): 1045	Case ID#: R4-2019-09-02-39
LOCATION: Lake O E. Observation		COUNTY: Glade	NEAREST TOWN/CITY: Clemiston	
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to:		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	Stream/River/Canal: ☐ m wide	
Lake/Estuary Typical depth: ☐ m deep		Inflows: ☐ yes ☐ no	Typical Transect: ☐ m deep ☐ m deep ☐ m deep	
Outflows: ☐ yes ☐ no		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

Present Weather conditions

Last rain event

Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)

Rainfall amount

Sketch bloom area on the attached map. Indicate wind direction.

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	DOO ₂	Sal	Secchi (m)
Top	0.3	27.40	8.05	7.28	419	93.1	0.20	0.5
Mid-depth	1.9	27.35	8.26	7.48	419	94.2	0.2	
Bottom	2.4							
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: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☐								
Notes					Abundance:			
					Absent Rare Common Abundant			
					Periphyton ☐ ☐ ☐ ☐			
					Fish ☐ ☐ ☐ ☐			
					Aquatic Macrophytes ☐ ☐ ☐ ☐			
					Iron/sulfur Bacteria ☐ ☐ ☐ ☐			

VISIT TEAM:

AGENCY:

QAQC in UMS MC12/19 + EDD