

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

5012-0819 - 002

(7-6-06 V2)

WATERBODY NAME: Lake D		DATE (M/D/Y): 10/8/19	TIME (AM) (PM): 1115	Case ID#: BR-2019-09-02-39
LOCATION: Lake D E Obs Island		COUNTY: Glades	NEAREST TOWN/CITY: Clematis	
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		
Lake/Estuary Typical depth: m deep		Stream/River/Canal: m wide		
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				
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):	DPPT, Sal	Secchi (m)
Top	0.3	27.58	8.12	7.81	416	98.8	0.2
Mid-depth	1.2	27.20	8.03	7.57	415	96.2	0.2
Bottom	1.7						0.5
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: ☐ Glob: ☐ 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:

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: Lake O		DATE (M/D/YY): 10/8/19	TIME: (AM) (PM): 1045	Case ID#: RQ-2019-09-02-39
LOCATION: Lake O E. Observation		COUNTY: Glenc	NEAREST TOWN/CITY: Clemington	
Visit Type:	Samples collected: ☒ yes ☐ no	Samples submitted to:	Photos Taken: ☒ yes ☐ no	
Initial ☐	Sample collection method:			
Recon ☐	Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐			
Sampling ☒				
Follow-up ☐				
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	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):	DO ₂₁	Sal	Secchi (m)
Top	0.3	27.40	8.05	7.28	419	93.1	0.22	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: ☐ 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 ☐ ☐ ☐ ☐				

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