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AB-17-1.10

Site Name: Lake Buffum Bloom Response

Date: 07/30/2019

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

WATERBODY LAKE BUFFUM		DATE (M/D/YY): 7/30/19	TIME: (AM) 1010	Case ID#:
COUNTY: POLK	LOCATION: LAKE BUFFUM - Near Ramp		NEAREST TOWN/CITY: FT. Meade	
Visit Type: Initial ☒ Recon ☐ Sampling ☐ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP - Tallahassee		Photos Taken: ☒ yes ☐ no
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐				
Algal ID & enumeration: ☒ Nutrients: ☐ Chl-a: ☒ AGP: ☐ Turbidity: ☒ Toxin: ☒				
Estimated size of bloom: SE CORNER Impounded: ☐ yes ☒ no				
Lake/Estuary Typical depth: ☐ 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 ☐ 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

Contains 1:1 Sulfuric Acid
Lot No.: SA7163030
Expires: 06/12/18
See Safety Data Sheet (SDS)

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	DO%	Sal	Secchi (m)
Top	0.3	30.41	8.08	8.28	110.12	110.3	0.05	
Mid-depth								0.3
Bottom								"3"

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

VISIT TEAM:

Matthew Bearden - SW ROC

AGENCY:

MTA BL

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