

Effective Date: 08/04/2014

Revision Date: 08/04/2014

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AB-17-1.7

WQAP-2021-01-08-02

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY Lake Melva		DATE (M/D/YY): 1/07/21	TIME: (AM) 12:35	Case ID#: HAB-SE-0026
COUNTY:		LOCATION:		NEAREST TOWN/CITY:
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP		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 1.0 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)				Last rain event
Sketch bloom area on the attached map. Indicate wind direction.				Rainfall amount

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Sal	% SAH	Secch(m)
Top	0.3	21.7	7.63	8.95	282.7	0.13	102.5	0.5
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	Abundance: Absent Rare Common Abundant
	Periphyton ☐ ☐ ☐ ☐
	Fish ☐ ☐ ☐ ☐
	Aquatic Macrophytes ☐ ☐ ☐ ☐
	Iron/sulfur Bacteria ☐ ☐ ☐ ☐

VISIT TEAM: SE Roc	AGENCY: Alex Miranda <i>Alex Miranda</i>
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