

R2-2019-09-02-38

R22019

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-5-05 V2)

WATERBODY NAME: Lake D		DATE (M/D/YY): 8/28/19	TIME (AM/PM): 1155	Case ID#: SD082819-03
LOCATION: Lake D SW		COUNTY: Phon Beach	NEAREST TOWN/CITY: Phonker	
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	
Outflows: ☐ yes ☐ no		Water velocity: ☐ 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: **26°49'N 80°44'W**

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%	Sal	Secchi (m)
Top	0.3	30.9	8.41	11.2	305.9	155.0	0.19	0.2
Mid-depth	2.3	30.2	7.95	6.85	413.6	91.1	0.19	
Bottom	2.8							

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: ☐ Globes: ☐ 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:

Miranda Carroll
+ *Kirby Wolfe*