

RQ-2019-09-23-28

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: Shadroe Canal		DATE (M/D/Y): 11/14/19	TIME: (AM) (PM) 955	Case ID#: HAB-SD-023
LOCATION: Shadroe Canal		COUNTY: Lee	NEAREST TOWN/CITY: Cape Lee	
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP Lab		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: NO Bloom Visible		Impounded: ☐ yes ☐ no		
Lake/Estuary Typical depth: 2.9m		Stream/River/Canal: ☐ m wide		
Inflows: ☐ yes ☐ no		Typical Transect: ☐ m deep		
Outflows: ☐ yes ☐ no		Water velocity: ☐ 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

26.6506

-82.0398

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):	DO7	SA1	Secchi (m)
Top	0.3	25.358	7.09	1.51	37849	21.1	24.01	1.5
Mid-depth								
Bottom	2.9	25.238	7.18	1.07	37928	21.1	24.05	
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 ☐ ☐ ☐ ☐			

VISIT TEAM:

AGENCY:

QAQC in UMS Me 12/3/19 ~~me~~