

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

RQ-2019-06-10-27

(7-6-06 V2)

WATERBODY NAME: CALOOSAHATCHEE RIVER		DATE (M/D/YY): 7/1/19	TIME: (AM) (PM): 1105	Case ID#: SD-070119-001
LOCATION: LABELLE BRIDGE		COUNTY: HANDRY	NEAREST TOWN/CITY: LABELLE	
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no DEP TALLAHASSEE LAB	Samples submitted to:		Photos Taken: ☒ yes ☐ no
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐		Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐		
Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGP: ☒ Turbidity: ☒ Toxin: ☒ MICROCYSTIN		Estimated size of bloom: SD 100m²		
Lake/Estuary Typical depth: ☐ m deep		Stream/River/Canal: 60 m wide		
Inflows: ☐ yes ☐ no		Typical Transect: 1 m deep 6 m deep 1 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 **26° 46' 8.277"** Longitude **-81° 26' 10.842"**
Degrees Minutes Seconds Degrees Minutes Seconds

Present Weather conditions

PARTLY CLOUDY

Last rain event

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.

Rainfall amount

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	31.7	7.48	9.41	553	129.6	0.26	0.9
Mid-depth								1.9
Bottom								1.9
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order) 5th - 6th order 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ RIVER								
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: TOTAL DEPTH - 0.9m GREEN SCUM BLOWN TO SOUTH BANK CONCENTRATING ON SHOULDER.					Abundance: Periphyton ☒ Absent ☐ Rare ☐ Common ☐ Abundant ☐ Fish ☐ ☐ ☐ ☐ Aquatic Macrophytes ☐ ☐ ☒ ☐ Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

VISIT TEAM:

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AGENCY:

DEP SOLAR