

RG-2019-05-13-60

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: COCOPLUM CANAL		DATE (M/D/Y): 5/15/19	TIME: (AM) (PM) 1230	Case ID#: SD-051519-003
COUNTY: SARASOTA	LOCATION: HILLSBOROUGH BLVD + HARBOR BLVD		NEAREST TOWN/CITY: NORTH PORT	
Visit Type: Initial ☒ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP LAB TAMMUNESSSEE		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: ☒ MICROPYSTIN				
Estimated size of bloom: SHORELINE OF CANAL	Impounded: ☒ yes ☐ no	Stream/River/Canal 15 m wide		
Lake/Estuary Typical depth 	Inflows: ☐ yes ☐ no	Typical Transect 1 m deep 2 m deep 1 m deep		
Outflows: ☐ yes ☐ no	Water velocity 0.03 m/s 0.03 m/s 0.03 m/s Left bank Middle Right bank			

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐
Description of Bloom/ Latitude 27 01 59.398 Longitude -82 08 23.800 Degrees Minutes Seconds Degrees Minutes Seconds
Present Weather conditions PARTLY CLOUDY
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 _____

WATER QUALITY	Depth (m):	Temp. (°C) :	pH (SU) :	D.O. (mg/l) :	Cond. (µmho/cm) or Salinity (ppt):	SALINITY	D.O. %	Secchi (m)
Top	0.15	27.4	8.04	6.07	896	0.99	765	0.3 "S"
Mid-depth								
Bottom								
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order 5th - 6th order 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ CANAL								
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 0.3m					Abundance:			
					Absent Rare Common Abundant			
					☐ ☐ ☒ ☐			
					☐ ☐ ☒ ☐			
					☐ ☐ ☐ ☒			
					☒ ☐ ☐ ☐			

VISIT TEAM:

AGENCY:

JOHN BERRINGTON
GARY SPOREK

FDEP SPROC