

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: INNER DOCTORS BAY		DATE (M/D/Y): 5/9/19	TIME: (AM) (PM): 1335	Case ID#: SD-05092019-002
COUNTY: Collier	LOCATION: DOCTORS BAY AT PARK SHORE		NEAREST TOWN/CITY: NAPLES	
Visit Type: Initial ☒ ☐ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: DEP LAB TALLAHASSEE		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: ☒ MICROCYSTIN				
Estimated size of bloom: ENTIRE BASIN		Impounded: ☒ yes ☐ no		
Lake/Estuary Typical depth: 2 m deep		Stream/River/Canal Typical Transect: ☐ m deep ☐ m deep ☐ m deep Water velocity: ☐ m/s ☐ m/s ☐ m/s Left bank Middle Right bank		
Inflows: ☒ yes ☐ no		Outflows: ☒ yes ☐ no		

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐
Description of Bloom/ Latitude: 26 Degrees 11 Minutes 54.43 Seconds Longitude: -81 Degrees 48 Minutes 44.56 Seconds
Present Weather conditions: OVERCAST
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):	DO%	Total Depth	Secchi (m):
Top	0.3	30.2	7.62	5.90	51363/33.58	94.0	1.9	1.5
Mid-depth								
Bottom	1.4	30.0	7.64	5.46	52546/34.47	86.5		
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: ☐ Glob: ☐ Slick: ☒								
Water Clarity (check box): Clear: ☐ Slightly: ☒ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐								
Notes: GREEN SLICK * ALGAE PRESENT THROUGHOUT WATER COLUMN					Abundance: Periphyton: ☒ Absent ☐ Rare ☐ Common ☐ Abundant ☐ Fish: ☐ Aquatic Macrophytes: ☒ Iron/sulfur Bacteria: ☒			

VISIT TEAM:

JOHN BARRINGER, CHRIS CONLEY

AGENCY:

FDEP SOPAC