

RQ-2019-05-20-33

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-08 V2)

WATERBODY NAME: LEMON BAY		DATE (M/D/YY): 05/15/19	TIME (AM) (PM): 1015	Case ID#: SD-051519-001
LOCATION: INDIAN MOUND PARK		COUNTY: SARASOTA	NEAREST TOWN/CITY: ENGLEWOOD	
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP LAB TALLAHASSEE		Photos Taken: ☒ yes ☐ no
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐ Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGP: ☒ Turbidity: ☒ Toxin: ☒ MICROCYSTIN		Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐		
Estimated size of bloom: THROUGHOUT BAY		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth: 4 m deep		Stream/River/Canal: ☐ m wide ☐ m deep 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 57 26.950 Longitude -82 21 48.480 Degrees Minutes Seconds
Present Weather conditions: OVERCAST
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):	SALINITY	D.O. %	Secchi (m)
Top	0.3	27.5	8.38	4.53	53.714	35.42	44.8	1.7 "S"
Mid-depth				2.91				
Bottom	1.2	27.5	8.36	2.84	53.698	35.40	44.0	
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: ☒ DECAY								
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: FILAMENTOUS ALGAE PRESENT. TOTAL DEPTH 1.7m GREEN LIVING ATTACHED TO SUBSTRATE BROWN DEAD FLOATING. FWC ID SAMPLE SENT.					Abundance: Absent Rare Common Abundant Periphyton ☐ ☐ ☒ ☐ Fish ☐ ☐ ☐ ☒ Aquatic Macrophytes ☒ ☐ ☐ ☐ Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

VISIT TEAM:

JOHN BARRINGTON
GARY SNORSKE

AGENCY:

FDEP SOROC