

RX-2019-05-20-33

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: LEMON BAY		DATE (M/D/Y): 05/15/19	TIME (AM) (PM): 1055	Case ID#: SD-051519-002
COUNTY: SARASOTA	LOCATION: ROYAL PALM MARINA		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 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 THROUGHOUT BAY		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth: 4 m deep		Stream/River/Canal: ☐ m wide		
Inflows: ☒ yes ☐ no		Typical Transect: ☐ m deep ☐ m deep ☐ 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 Degrees 57 Minutes 56.365 Seconds Longitude: -82 Degrees 22 Minutes 7.377 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):	SALINITY	DO %	Secchi (m)
Top	0.3	27.4	8.26	1.72	53554	35.3	26.5	1.1
Mid-depth								
Bottom								
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: ☐ Globs: ☒ Slick: ☐								
Water Clarity (check box): Clear: ☒ Slightly: ☒ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☒ Other: ☐								
Notes: TOTAL DEATH 1.2 m					Abundance: Periphyton: ☐ Absent ☐ Rare ☐ Common ☒ Abundant ☐ Fish: ☐ ☐ ☐ ☒ Aquatic Macrophytes: ☒ ☐ ☐ ☐ Iron/sulfur Bacteria: ☒ ☐ ☐ ☐			

VISIT TEAM: JOHN BARRINGTON GARY SNOREK	AGENCY: FDEP SOROC
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