

2019-09-23-27

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-8-06 V2)

WATERBODY NAME: Moorings Bay	DATE (M/D/Y): 09/26/19	TIME: (AM) (PM) 1205	Case ID#: SD092619-001
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LOCATION: Park Shore Marina	COUNTY: Collier	NEAREST TOWN/CITY: Naples
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Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP-Tallahassee	Photos Taken: ☒ yes ☐ no
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Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐	Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☐ AGP: ☒ Turbidity: ☒ Toxin: ☒
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Estimated size of bloom: Impounded: ☐ yes ☐ no	Stream/River/Canal: m wide
Lake/Estuary Typical depth: Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no	Typical Transect: m deep 1.9 m deep m deep 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/ Present Weather conditions	Latitude: 26 11 53.747 Longitude: 81 48 44.755 Degrees Minutes Seconds Degrees Minutes Seconds
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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 (ppt)	DO%	Secchi (m)
Top	0.3	28.7	7.88	5.49	53119	34.94	86.2	1.9
Mid-depth								
Bottom	1.4	28.6	7.84	5.06	53238	35.03	79.3	

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: ☐	Globs: ☐ Slick: ☒ Oily
Water Clarity (check box):	Clear: ☒	Slightly: ☐	Turbid: ☐ Opaque: ☐
Bloom Color (check box):	Green: ☐	Red: ☐	Brown: ☐ Other: ☐

Notes: Contains: 1:1 H2SO4 Lot No.: SA9129100 Expires: 05/09/20 See Safety Data Sheet (SDS)	Abundance: Periphyton ☐ Absent ☐ Rare ☐ Common ☒ Abundant ☐ Fish ☐ Aquatic Macrophytes ☐ Iron/sulfur Bacteria ☒
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VISIT TEAM: Nicole Reistad Miranda Carroll	AGENCY: FDEP-SOROC
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QA/QC in LIMS 10/12/19 + EDD

