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AB-17-1.7

RD-2019-05-27-45

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY <u>Hudson Bayou</u>		DATE (M/D/YY): <u>05/28/2019</u>	TIME: (AM) <u>1230</u>	Case ID#: <u>SD052819-001</u>
COUNTY: <u>Sarasota</u>	LOCATION: <u>Hudson Bayou @ Selby Gardens</u>		NEAREST TOWN/CITY: <u>Sarasota</u>	
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: <u>RD EDEP SROC Tallahassee</u>		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: ☒ Toxins: ☒				
Estimated size of bloom: Lake/Estuary Typical depth: m deep Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no		Impounded: ☐ yes ☐ no Stream/River/Canal: m wide Typical Transect: m deep Water velocity: 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: <u>27.3263456</u> Longitude: <u>-82.573417</u>		
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 %	SSL	Secch(m)
Top	<u>0.25</u>	<u>30.5</u>	<u>7.34</u>	<u>3.76</u>	<u>50919</u>	<u>60.1</u>	<u>33.25</u>	<u>0.5</u>
Mid-depth								<u>5</u>
Bottom	<u>0.5</u>							
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: ☒ <u>decomposition</u>								
Water Surface (check box): Clean: ☒ Scum: ☐ Globbs: ☒ Slick: ☐								
Water Clarity (check box): Clear: ☒ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☒ Other: ☐								
Notes <u>Filamentous algae Hung up around Mangroves</u>					Abundance: Periphyton ☒ Fish ☐ Aquatic Macrophytes ☐ Iron/sulfur Bacteria ☒			
					Absent Rare Common Abundant			

Contains: 1:1 H2SO4
Lot No.: SA8344070
Expires: 12/10/19
See Safety Data Sheet (SDS)

VISIT TEAM:

MARYANN DALYAN, GARY INDERK

AGENCY:

SROC

ThermoFisher
SULFURIC
ACID <51%
NATURAL
7726-10-9
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