

RQ-2019-05-27-45

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-6-06 V2)								
WATERBODY BLACKBURN BAY		DATE (M/D/Y) 05/28/2019	TIME (AM) 1330	Case ID# SD052819-002				
COUNTY SARASOTA	LOCATION BLACKBURN BAY @ BLACKBURN POINT PARK		NEAREST TOWN/CITY OSPREY					
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP 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: ☒								
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: Degrees Minutes Seconds 27.1810354 Longitude: Degrees Minutes Seconds -82.4955657						
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)				Last rain event				
Sketch bloom area on the attached map. Indicate wind direction.				Rainfall amount				
WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	DO %	SAL	Secch (m)
Top	0.3	30.8	8.14	6.48	54005	105.5	35.52	1.3
Mid-depth								5
Bottom	1.2							
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: ☒ DECOMPOSITION								
Water Surface (check box): Clear: ☐ Scum: ☒ Globbs: ☒ Slick: ☐								
Water Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☒ Other: ☐								
Notes Windblown, filamentous algae collected around boat launch					Abundance: Periphyton ☐ Absent ☐ Rare ☐ Common ☒ Abundant ☐ Fish ☐ ☐ ☐ ☒ ☐ Aquatic Macrophytes ☐ ☐ ☐ ☒ ☐ Iron/sulfur Bacteria ☒ ☐ ☐ ☐ ☐			
VISIT TEAM: MARYANN DULAN, GARY SNOREK					AGENCY: S ROL			