

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: DEEP LAGOON / CALOUSA WATCHES		DATE (M/D/Y): 7/31/18	TIME (AM/PM): 1115	Case ID#: SD073118-001
COUNTY: LEE	LOCATION: DEEP LAGOON @ MARINEMAX		NEAREST TOWN/CITY: FORT MYER	
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP TALLAHASSEE LAB		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: THROUGHOUT DEEP LAGOON SYSTEM		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth: 3 m deep		Stream/River/Canal UTB		
Inflows: ☒ yes ☐ no		Turbid Transact 1 m deep 3 m deep 1 m deep		
Outflows: ☒ yes ☐ no		Water velocity 0.1 m/s 0.1 m/s 0.1 m/s		
		Left bank Middle Right bank		

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐				
Description of Bloom/	Latitude	Longitude		
Present Weather conditions PARTLY CLOUDY 90°F	Degrees Minutes Seconds 26.5331699	Degrees Minutes Seconds -81.9273936		
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)		Last rain event 7/30/18		
Sketch bloom area on the attached map. Indicate wind direction.		Rainfall amount 0.25"		

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mM):	Cond. (µmho/cm) or Salinity (ppt):	D.O. %	TOTAL DEPTH	Secchi (m)
Top	0.3	28.60	7.57	3.14	3083	40.4	2.0	1.0
Mid-depth								
Bottom	1.5	30.20	7.38	3.11	6295	44.8	2.0	
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: ☐								
Water Surface (check box): Clear: ☒ Scum: ☐ Globes: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☐ Slightly: ☐ Turbid: ☒ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐								
Notes: NO SLICK PRESENT. LIGHT ALGAE IN WATER COLUMN LOW TIDE / INCOMING. SLICKS PRESENT IN SOME DEAD END CANALS w/ NO FLOW THROUGH.					Abundance: Periphyton ☒ Absent ☐ Rare ☐ Common ☐ Abundant ☐ Fish ☐ ☒ ☐ ☐ ☐ Aquatic Macrophytes ☒ ☐ ☐ ☐ ☐ Iron/sulfur Bacteria ☒ ☐ ☐ ☐ ☐			

VISIT TEAM:

GARY SNOREK

AGENCY:

JOHN BERNINGTON

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