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CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY <u>Calusa hatchee</u>		DATE (M/D/YY): <u>07/05/18</u>	TIME (AM): <u>1425</u>	Case ID#:		
COUNTY: <u>Lee</u>	LOCATION: <u>Maring town</u>		NEAREST TOWN/CITY: <u>N. Ft Myers</u>			
Visit Type: Initial ☐ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to:	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:		Impounded: ☐ yes ☒ no	Stream/River/Canal: <u>100</u> m wide			
Lake/Estuary Typical depth: <u> </u> m deep	Inflows: ☐ yes ☐ no	Typical Transect: <u> </u> m deep <u> </u> m deep <u> </u> m deep				
Outflows: ☐ yes ☐ no	Water velocity: <u> </u> m/s <u> </u> m/s <u> </u> m/s					
			Left bank	Middle Right bank		
Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐						
Description of Bloom/		Latitude: <u>26.659846</u>	Longitude: <u>-81.892847</u>			
Present Weather conditions <u>sunny clear</u>						
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)		Last rain event <u>7/5/18 5pm</u>				
Sketch bloom area on the attached map. Indicate wind direction.		Rainfall amount <u>3 in</u>				
WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Secch(m)
Top	<u>0.3</u>	<u>31.13</u>	<u>7.4</u>	<u>3.79</u>	<u>522</u>	<u>0.36</u>
Mid-depth						<u>51.5</u>
Bottom	<u>1.2</u>					<u>1.1</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: ☐						
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		Abundance: Periphyton ☐ Absent ☐ Rare ☐ Common ☒ Abundant ☐ Fish ☐ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒				
VISIT TEAM:		AGENCY: <u>FDEP SROL</u>				