

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: <u>Caloosahatchee River</u>		DATE (M/D/YY): <u>05/03/17</u>	TIME: (AM) (PM) <u>1410</u>	Case ID#:
COUNTY: <u>np Lee Hendry</u>	LOCATION: <u>Fort Denard Swing Bridge South</u>	NEAREST TOWN/CITY: <u>Fort Denard</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: <u>width of River</u>		Impounded: ☒ yes ☐ no	Stream/River/Canal <u>120</u> m wide
Lake/Estuary Typical depth <u> </u> m deep	Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no	Typical Transect <u>2</u> m deep	<u> </u> m deep
		Water velocity <u>0.25</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</u> Degrees <u>744</u> Minutes <u>086</u> Seconds	Longitude <u>-81</u> Degrees <u>510</u> Minutes <u>550</u> Seconds		
Present Weather conditions				
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)				Last rain event <u>5/2/17</u>
Sketch bloom area on the attached map. Indicate wind direction.				Rainfall amount <u> </u>

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	D.O. %	Sal	Secchi (m)
Top	<u>0.3</u>	<u>28.5</u>	<u>7.4</u>	<u>8.5</u>	<u>485</u>	<u>107</u>	<u>0.23</u>	<u>1.2</u>
Mid-depth								
Bottom								
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order) 5th - 6th order 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ <u>River</u>								
Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐								
Water Surface (check box): Clear: ☒ Scum: ☐ Glob: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☐ Slightly: ☒ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐								
Notes <u>Alga a spread all the way across the river</u>					Abundance:			
					Absent	Rare	Common	Abundant
					☐	☒	☐	☐
					☐	☒	☐	☐
					☐	☒	☐	☐
					☒	☐	☐	☐

VISIT TEAM:

<u>SROC</u>	AGENCY:	<u>K. DePeth</u>	<u>5/3/17</u>
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