

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: <i>Culpeperhatchee River</i>		DATE (M/D/Y): <i>7/2/18</i>	TIME: (AM) (PM) <i>1155</i>	Case ID#:
COUNTY: <i>Lee County</i>		LOCATION: <i>Mouth of River</i>		NEAREST TOWN/CITY: <i>Cape Coral</i>
Visit Type: Initial ☐ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: <i>ADP LAB Tall.</i>		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: ☒ <i>microcystin</i>				
Estimated size of bloom: <i>sparse / Broken up</i>		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth ☐ m deep		Stream/River/Canal <i>NA</i> m wide		
Inflows: ☐ yes ☐ no		Tributary Transient <i>NA</i> m deep		
Outflows: ☐ yes ☐ no		Water velocity <i>NA</i> m/s		

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐
Description of Bloom/ Latitude <i>26</i> <i>31</i> <i>30.60</i> Longitude <i>-82</i> <i>01</i> <i>13.10</i>
Present Weather conditions <i>Clear skies wind calm 0-5 mph</i> <i>End of bloom</i>
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 <i>2/1/18</i> Rainfall amount <i>< .25 inch</i>

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/L):	Cond. (µmho/cm) or Salinity (ppt):	DO %	TD	Secchi (m)
Top	<i>0.3</i>	<i>31.35</i>	<i>7.65</i>	<i>5.09</i>	<i>17773</i>	<i>73.0</i>	<i>3.0</i>	<i>1.4</i>
Mid-depth								
Bottom	<i>2.5</i>	<i>30.78</i>	<i>7.69</i>	<i>5.0</i>	<i>35627</i>	<i>75.0</i>		
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☐								
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: ☒ <i>Brown</i>								
Notes <i>1155 TD = 3.0 m</i> <i>Bloom End</i>					Abundance: Periphyton ☒ Fish ☐ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒			

VISIT TEAM:

<i>Chase Lankford</i>	<i>Gary Shorek</i>	<i>SOROC</i>
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