

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: <i>Caloosahatchee River</i>		DATE (M/D/YY): <i>7/2/18</i>	TIME: (AM) (PM): <i>1250</i>	Case ID#:
COUNTY: <i>Lee County</i>		LOCATION: <i>Cape Coral Bridge</i>		NEAREST TOWN/CITY: <i>Cape Coral</i>
Visit Type: ☒ Initial ☒ Recon ☒ Sampling ☐ Follow-up	Samples collected: ☒ yes ☐ no Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐		Samples submitted to: <i>FL DEP LAB Tell.</i> Photos Taken: ☒ yes ☐ no	
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>Shoreline to shoreline</i>		Impounded: ☒ yes ☐ no		
Lake/Estuary Typical depth: m deep		Stream/River/Canal: <i>N/A</i> m wide Tuminal Transient: <i>N/A</i> m deep Water velocity: <i>N/A</i> m/s		
Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no		Left bank: <i>N/A</i> m/s Middle: <i>N/A</i> m/s Right bank: <i>N/A</i> m/s		

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐				
Description of Bloom/		Latitude: <i>26</i> Degrees <i>33</i> Minutes <i>59.57</i> Seconds	Longitude: <i>-81</i> Degrees <i>55</i> Minutes <i>35.30</i> Seconds	
Present Weather conditions: <i>Clear skies, wind 0-5 mph</i>				
Shoreline to shoreline slick and in water column			Last rain event: <i>7/1/18</i>	
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)			Rainfall amount: <i>< 0.25 inch</i>	
Sketch bloom area on the attached map. Indicate wind direction. Note this bloom extends upstream miles				

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	% DO	Secchi (m)
Top	<i>0.3</i>	<i>32.07</i>	<i>7.91</i>	<i>7.1</i>	<i>980-144</i>	<i>98.0</i>	<i>0.73</i>
Mid-depth							
Bottom	<i>3.0</i>	<i>30.17</i>	<i>7.60</i>	<i>5.7</i>	<i>2858</i>	<i>78.0</i>	<i>1.46</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: ☒ Globes: ☒ Slick: ☒
Water Clarity (check box):	Clear: ☐ Slightly: ☐ Turbid: ☒ Opaque: ☐
Bloom Color (check box):	Green: ☒ Red: ☐ Brown: ☒ Other: ☐

Notes	Abundance:				
	Absent	Rare	Common	Abundant	
Periphyton	☒	☐	☐	☐	
Fish	☐	☐	☒	☐	
Aquatic Macrophytes	☒	☐	☐	☐	
Iron/sulfur Bacteria	☒	☐	☐	☐	

VISIT TEAM:

AGENCY: <i>Chase Conley, Gary Shorek</i>	SOROC
---	-------