

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: <i>Marlo River</i>		DATE (M/D/Y): <i>6/3/19</i>	TIME (AM) (PM): <i>12h</i>	Case ID#: <i>SD060319-001</i>
COUNTY: <i>Collier County</i>	LOCATION: <i>Goodland Bridge</i>		NEAREST TOWN/CITY: <i>Goodland</i>	
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: ☒ <i>Microcystis</i>				
Estimated size of bloom: <i>None</i>	Impounded: ☐ yes ☒ no	Stream/River/Canal ☐ m wide		
Lake/Estuary Typical depth ☐ m deep	Inflows: ☐ yes ☐ no	Typical Transect m deep ☐ <i>0.6</i> m deep ☐ m deep ☐		
Outflows: ☐ yes ☐ no	Water velocity m/s ☐ m/s ☐ m/s ☐			
		Left bank Middle Right bank		

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐
Description of Bloom/ Latitude: Degrees Minutes Seconds Longitude: Degrees Minutes Seconds
Present Weather conditions: <i>Hot 90°, Sunny</i> <i>25 56 0.995</i> <i>-81 39 0.835</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>N/A</i> Rainfall amount <i>N/A</i>

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Sal	TDO %	Secchi (m)
Top	<i>0.3</i>	<i>31.4</i>	<i>7.88</i>	<i>4.89</i>	<i>804</i>	<i>35.46</i>	<i>80.4</i>	<i>0.6</i>
Mid-depth					<i>539.53</i>			
Bottom								
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: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☒ <i>None</i>								
Notes: <i>No Bloom Present</i>					Abundance: Periphyton ☐ Absent ☒ Rare ☐ Common ☐ Abundant ☐ Fish ☐ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒			

VISIT TEAM:

<i>John Borington, Chase Carley</i> <i>SORAC</i>	<i>6/3/19</i>
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