

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-08 V2)

WATERBODY NAME: <i>Caloosahatchee River</i>		DATE (M/D/YY): <i>6/25/18</i>	TIME: (AM) (PM): <i>1445</i>	Case ID#:
COUNTY: <i>Lee County</i>	LOCATION: <i>Alva Bridge</i>		NEAREST TOWN/CITY: <i>Alva, FL</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>Entire Canal/River</i>		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth m deep		Stream/River/Canal <i>Stream/River/Canal</i>		
Inflows: ☐ yes ☐ no		Turbidity Transducer		
Outflows: ☐ yes ☐ no		Water velocity		
		Left bank: <i>2</i> m deep, <i>0.1</i> m/s Middle: <i>8</i> m deep, <i>0.1</i> m/s Right bank: <i>2</i> m deep, <i>0.1</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>48</i> Minutes, <i>50.699</i> Seconds Longitude: <i>-81</i> Degrees, <i>36</i> Minutes, <i>36.601</i> Seconds
Present Weather conditions: <i>Partly cloudy / Rain</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>1445</i>
Rainfall amount: <i>0.25"</i>

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mM):	Cond. (µmho/cm) or Salinity (ppt):	TOTAL DEPTH	Secchi (m)
Top	<i>0.3</i>	<i>31.47</i>	<i>7.14</i>	<i>2.90</i>	<i>355</i>	<i>3.0m</i>	<i>0.3</i>
Mid-depth							
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: ☐ Glob: ☐ Slick: ☒							
Water Clarity (check box): Clear: ☐ Slightly: ☐ Turbid: ☒ Opaque: ☐							
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐							
Notes					Abundance:		
					Absent	Rare	Common

VISIT TEAM:

Chase Linley, John Borington, Soroc 6/25/18