

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: <i>Catoosahatchee</i>		DATE (M/D/Y): <i>8/16/18</i>	TIME: (AM) (PM) <i>0950</i>	Case ID#: <i>SD081618-001</i>
COUNTY: <i>Lee County</i>		LOCATION: <i>Catoosahatchee River mouth</i>		NEAREST TOWN/CITY: <i>Cape Coral / Ft Myers</i>
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: <i>FLDEP LAB</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: ☒				
Estimated size of bloom: <i>shore to shore</i>		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth: ☐ m deep		Stream/River/Canal m wide		
Inflows: ☒ yes ☐ no		Turbidity Transient m deep		
Outflows: ☐ yes ☐ no		Water velocity 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			
Present Weather conditions <i>Clear skies</i>	Longitude Degrees Minutes Seconds			
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)		Last rain event: <i>8/15/18</i>		
Sketch bloom area on the attached map. Indicate wind direction.		Rainfall amount:		

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mM/l):	Cond. (µmho/cm) or Salinity (ppt):	DO %	TP	Secchi (m)
Top	<i>0.3</i>	<i>30.0</i>	<i>7.94</i>	<i>6.11</i>	<i>24087</i>	<i>87.6</i>	<i>3.0</i>	<i>1.9</i>
Mid-depth								
Bottom	<i>2.5</i>	<i>30.07</i>	<i>7.97</i>	<i>5.47</i>	<i>27385</i>	<i>87.2</i>	<i>3.0</i>	
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 Abundant			
					Periphyton ☒ ☐ ☐ ☐			
					Fish ☐ ☒ ☐ ☐			
					Aquatic Macrophytes ☒ ☐ ☐ ☐			
					Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

VISIT TEAM:

AGENCY: *Chase Conley, John Beringham* *FLDEP 8000*