

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: <i>Swan Lake outfall</i>		DATE (M/D/Y): <i>8/20/19</i>	TIME: (AM) (PM) <i>1330</i>	Case ID#: <i>SD08202019-03</i>
LOCATION: <i>Park Shore Landings Condos</i>		COUNTY: <i>Collier</i>	NEAREST TOWN/CITY: <i>Naples</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: ☒ <i>Myset</i>				
Estimated size of bloom: <i>Continuous</i>		Impounded: ☒ yes ☐ no		
Lake/Estuary Typical depth m deep		Stream/River/Canal <i>200 m wide</i>		
Inflows: ☒ yes ☐ no		Typical Transect <i>1.5 m deep</i> <i>8 m deep</i> <i>1.5 m deep</i>		
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/ <i>Outfall from Swan Lake</i>		Latitude <i>26 11 52.047</i>	Longitude <i>81 48 32.285</i>	
Present Weather conditions <i>Continuously pumping water into ICR</i>				
<i>Partly Cloudy</i>				
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)		Last rain event		
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):	D _{0%}	Sal	Secchi (m)
Top	<i>0.3</i>	<i>31.4</i>	<i>7.82</i>	<i>6.16</i>	<i>48321</i>	<i>98.9</i>	<i>31.19</i>	<i>1.3</i>
Mid-depth								
Bottom								
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order) 5th - 6th order 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ <i>Basin</i>								
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: ☐								
Notes <i>Continuous flow of algae from outfall pipe depth 1.3</i>					Abundance:			
					Absent	Rare	Common	Abundant
					☐	☐	☒	☐
					☐	☐	☐	☒
					☒	☐	☐	☐
					☒	☐	☐	☐

VISIT TEAM:

<i>Chase Carby, Miranda Carroll</i>	AGENCY <i>SDROC</i> <i>8/20/19</i>
-------------------------------------	------------------------------------