

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-8-06 V2)

WATERBODY NAME: <u>Caloosahatchee River</u>		DATE (M/D/Y): <u>09/18/18</u>	TIME: (AM) (PM) <u>1600</u>	Case ID#: <u>SD091818-001</u>
COUNTY: <u>Lee</u>	LOCATION: <u>SE 31st Terrace</u>		NEAREST TOWN/CITY: <u>Cape Coral</u>	
Visit Type: Initial ☐ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: <u>4DEP-Tallahassee</u>		Photos Taken: ☒ yes ☐ no
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐		Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐		
Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGPs: ☒ Turbidity: ☒ Toxin: ☒		Estimated size of bloom: Impounded: ☐ yes ☐ no		
Lake/Estuary Typical depth: Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no		Stream/River/Canal: Tupical Transact: m wide m deep m/s Water velocity Left bank Middle Right bank		

Canopy Cover:	Open: ☐	Lightly Shaded (11-45%): ☒	Moderately Shaded (46-80%): ☐	Heavily Shaded: ☐
Description of Bloom/	Latitude	<u>26</u> <u>35</u> <u>40.216</u>	Longitude	<u>81</u> <u>56</u> <u>43.262</u> W
Present Weather conditions	Last rain event <u>09/17/18</u>			
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)				Rainfall amount
Sketch bloom area on the attached map. Indicate wind direction.				

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	DO%	Sal. (ppt)	Secchi (m)
Top	<u>0.3</u>	<u>33.0</u>	<u>7.86</u>	<u>11.79</u>	<u>1286</u>	<u>164.6</u>	<u>0.63</u>	<u>0.9</u>
Mid-depth								
Bottom	<u>0.9</u>							
System Type:	Stream: ☐	1st - 2nd order 3rd - 4th order	5th - 6th order 7th order or greater	Lake: ☐	Wetland: ☐	Estuary: ☐	Other: ☒	<u>Canal</u>
Water Odors (check box):	Normal: ☒	Sewage: ☐	Petroleum: ☐	Chemical: ☐	Other: ☐			
Water Surface (check box):	Clear: ☒	Scum: ☐	Globs: ☒	Slick: ☐				
Water Clarity (check box):	Clear: ☒	Slightly: ☐	Turbid: ☐	Opaque: ☐				
Bloom Color (check box):	Green: ☒	Red: ☐	Brown: ☐	Other: ☐				
Notes	Contains: 1:1 H2S04 Lot No: SA8085170 Expires: 03/28/19 See Safety Data Sheet (SDS)				Abundance: Periphyton ☒ Absent ☐ Rare ☐ Common ☐ Abundant ☐ Fish ☐ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒			

VISIT TEAM:

THERMO FISHER SCIENTIFIC
 ANALYTICAL CHEMISTRY
 11000 W. 11th Ave.
 Miami, FL 33156
 773-884-1111
 Contains: 1:1 H2S04
 Lot No: SA8085170
 Expires: 03/28/19
 See Safety Data Sheet (SDS)

AGENCY:

4DEP - SROC