

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-5-06 V2)

WATERBODY NAME: CAL COSA HATCH		DATE (M/D/Y): 8/11/2018	TIME (AM) (PM): 1350	Case ID#: SD080918-003
COUNTY: Lee	LOCATION: Rosen Park		NEAREST TOWN/CITY: CAPE CORRAL	
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐	Samples submitted to: FDEP	Photos Taken: ☒ yes ☐ no	
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐ Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGP: ☒ Turbidity: ☒ Toxin: ☒				
Estimated size of bloom: Lake/Estuary Typical depth: m deep Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no		Impounded: ☐ yes ☐ no Stream/River/Canal: m wide Tributary Transient: m deep 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	Longitude		
Present Weather conditions	Degrees Minutes Seconds			
PC - 94°				
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				
Rainfall amount				

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/L):	Cond. (µmho/cm) or Salinity (ppt):	D.O. %	SAL	Secchi (m)
Top	0.3	32.22	8.36	8.42	513	116.7	0.24	0.6
Mid-depth								
Bottom	1.7	30.67	8.21	7.83	561	104.7	0.27	
System Type:	Stream: ☒	1st - 2nd order	5th - 6th order	Lake: ☐	Wetland: ☐	Estuary: ☐	Other: ☐	
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: ☐				
Abundance:					Absent	Rare	Common	Abundant
Periphyton					☐	☐	☐	☐
Fish					☐	☐	☐	☐
Aquatic Macrophytes					☐	☐	☐	☐
Iron/sulfur Bacteria					☐	☐	☐	☐

Contains: 1:1 H2SO4
Lot No.: S88101020
Expires: 04/1/19
See Safety Data Sheet (SDS)

THIOURYL HYDROLYZING
ACID 451K
LOT: S88101020
EXPIRES: 04/1/19
See Safety Data Sheet (SDS)

AGENCY:

State of Florida
Gary Swartz