

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-5-05 V2)

WATERBODY NAME: Canal 3-7B		DATE (M/D/Y): 05/06/19	TIME (AM) (PM): 1210	Case ID#: SD050619-004
COUNTY: Sarasota	LOCATION: Central Ave & 40th St	NEAREST TOWN/CITY: Sarasota		
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: 7DEP-Tallahassee		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: Lake/Estuary Typical depth: ☐ m deep		Impounded: ☒ yes ☐ no		
Inflows: ☐ yes ☐ no		Outflows: ☐ yes ☐ no		
Stream/River/Canal: 3 m wide		Turbidity: 0.3 m deep		
Water velocity: ☐ m/s		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 Longitude: Degrees Minutes Seconds

Present Weather conditions: **27.3690525** **-82.5428179**

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.

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mM):	Cond. (µmho/cm) or Salinity (ppt):	DO %	Sal. (ppt)	Secchi (m)
Top	0.15	26.7	8.36	10.75	680	134.5	0.33	0.3
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: ☐ Globbs: ☒ Slick: ☐

Water Clarity (check box): Clear: ☒ Slightly: ☐ Turbid: ☐ Opaque: ☐

Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☒ Other: ☐

Notes	Abundance:	Absent	Rare	Common	Abundant
Contains: 1:1 H2SO4 Lot No: SA8274050 Expires: 10/01/19 See Safety Data Sheet (SDS)	Periphyton	☒	☐	☐	☐
Hydrilla dominant throughout canal	Fish	☐	☒	☐	☐
	Aquatic Macrophytes	☐	☐	☐	☒
	Iron/sulfur Bacteria	☒	☐	☐	☐

VISIT TEAM: **Nicole Reistad** **Gary Snorek** AGENCY: **7DEP-SOROC**