

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: CALOUSAHATCHEE RIVER CANAL		DATE (M/D/Y): 7/31/18	TIME: (AM) (PM) 1215	Case ID#: SD0731-002
COUNTY: LEE		LOCATION: RIVER TOWNS WEST		NEAREST TOWN/CITY: CAPE CORAL
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP TALLAHASSEE LAB		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: ☒ MICROCYSTIN				
Estimated size of bloom: ENTIRE RIVER/ESTUARY SYSTEM		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth: 7 m deep		Stream/River/Canal: 30 m wide		
Inflows: ☒ yes ☐ no		Tributary Transient: 1 m deep 3 m deep 1 m deep		
Outflows: ☒ yes ☐ no		Water velocity: <0.1 m/s <0.1 m/s <0.1 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: 26.56736472 -81.93211513
PARTLY CLOUDY, 90° WINDY
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: 7/30/18
Rainfall amount: 0.25"

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	D.O. %	TOTAL O₂ (gph)	Secchi (m)
Top	0.3	29.55	8.09	7.29	1184	96.2	0.9	0.7
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: GREEN SLICK PRESENT ALGAE IN WATER COLUMN. PREVAILING WIND BLOWING INTO CANAL					Abundance:			
					Absent Rare Common Abundant			
					Periphyton ☒ ☐ ☐ ☐			
					Fish ☐ ☒ ☐ ☐			
					Aquatic Macrophytes ☒ ☐ ☐ ☐			
					Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

VISIT TEAM:

GARY SNOREK

AGENCY:

JONNY BARRINGTON FDEP SURGE