

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: St. James City canal		DATE (M/D/Y): 6/24/19	TIME: (AM) (PM): 1030	Case ID#: SD062419-001
LOCATION: Paradise Canal		COUNTY: Lee County		NEAREST TOWN/CITY: Saint James
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to:		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: ☒ mycA				
Estimated size of bloom: None	Impounded: ☒ yes ☐ no	Stream/River/Canal: ☒ Specify 30 m wide		
Lake/Estuary Typical depth: 3.0 m deep	Inflows: ☒ yes ☐ no	Typical Transect: 1.4 m deep 3.0 m deep 1.4 m deep		
Outflows: ☒ yes ☐ no	Water velocity: 0 m/s 0 m/s 0 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: Clear skies 24 29 39.280 -82 04 46.784
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map) PRESERVATIVE Last rain event
Sketch bloom area on the attached map. Indicate wind direction. SA 9010030 Rainfall amount

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	DO %	Sal	Secchi (m)
Top	0.3	31.0	7.41	4.57	45499	72.2	29.37	1.4
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: ☐ Globs: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☒ Slightly: ☐ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☒ None								
Notes: No Bloom present					Abundance: Periphyton ☐ Absent ☐ Rare ☒ Common ☒ Abundant ☐ Fish ☐ ☐ ☒ ☐ Aquatic Macrophytes ☐ ☐ ☒ ☐ Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

VISIT TEAM:

SOROC Chase Luley AGENCY: **John Baurington**