

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: North Fork St Lucie River		DATE (M/D/Y): 06/24/20 @ 10:45	TIME: (AM) (PM) 10:45	Case ID#:
COUNTY: St. Lucie	LOCATION: North Fork ST. Lucie River - CM		NEAREST TOWN/CITY: Port St Lucie	
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: ☒ Specify _____				
Estimated size of bloom: Lake/Estuary Typical depth: 2.4 m deep		Impounded: ☐ yes ☒ no		
Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no		Stream/River/Canal Typical Transsect 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: 27. 23. 2008 Longitude: -80. 300 404 Degrees Minutes Seconds
Present Weather conditions
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: 06/23/20
Rainfall amount: _____

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Sal.	DO %	Secchi (m)
Top	0.3	29.9	7.47	4.24	1531	0.76	55.9	0.6
Mid-depth								
Bottom	1.9	30.3	7.25	1.78	7276	3.97	23.9	
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: ☐ Glob: ☐ Stick: ☐								
Water Clarity (check box): Clear: ☐ Slightly: ☐ Turbid: ☒ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☒ not visible								
Notes					Abundance: Periphyton ☒ Fish ☒ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒			
					Absent ☒ Rare ☒ Common ☐ Abundant ☐			

VISIT TEAM:

AGENCY: