

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY Julington Creek		DATE (M/D/YY): 4/23/19	TIME: (AM) 1415	Case ID#: 1693
COUNTY: Duval	LOCATION: Mandarin Park		NEAREST TOWN/CITY: Jacksonville	
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 central ROC		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: NA	Impounded: ☐ yes ☐ no	Stream/River/Canal ☐ m wide		
Lake/Estuary Typical depth ☐ m deep	Inflows: ☐ yes ☐ no	Typical Transect ☐ m deep 1.0 m deep ☐ m deep		
Outflows: ☐ yes ☐ no	Water velocity ☐ m/s		☐ m/s ☐ m/s	
		Left bank Middle Right bank		

Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐

Description of Bloom/ Latitude **30.133479** Longitude **-81.683945**

Present Weather conditions

82° F, Sunny

Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)

Last rain event

Sketch bloom area on the attached map. Indicate wind direction.

Rainfall amount

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Total depth	Secch (m)
Top	0.3	25.4	8.00	9.50	894	1.045 m	
Mid-depth							0.7
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: ☒ Turbid: ☐ Opaque: ☐

Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☒ **Not observed**

Notes **DO 116%, No bloom observed**

Abundance:	Absent	Rare	Common	Abundant
Periphyton	☒	☐	☐	☐
Fish	☒	☐	☐	☐
Aquatic Macrophytes	☒	☐	☐	☐
Iron/sulfur Bacteria	☒	☐	☐	☐

VISIT TEAM:

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AGENCY:

FDEP DEAR NE ROC