

Effective Date: 11/30/2017
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AB-17-1.10

Site Name: Manatee River - Near Ellenton
Date: 06/19/2019

Appendix A

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-6-06 V2)

WATERBODY Manatee River		DATE (M/D/YY): 06/19/19	TIME: (AM) 1045	Case ID#:
COUNTY: Manatee	LOCATION: Manatee River - Near Ellenton		NEAREST TOWN/CITY: ELLENTON	
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		
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: River wide		Impounded: ☐ yes ☒ no		Stream/River/Canal: m wide
Lake/Estuary Typical depth: m deep		Inflows: ☒ yes ☐ no		Typical Transect: m deep 2.3 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: Degrees Minutes Seconds Longitude: Degrees Minutes Seconds
Present Weather conditions: Northerly Windy, mostly cloudy
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: _____
Rainfall amount: _____

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	% Sat	Sal	Secchi (m)
Top	0.3	28.9	8.56	10.70	24247	149.9	19.65	0.3
Mid-depth								
Bottom	1.8	29.6	8.11	7.00	35345	103.9	22.15	
System Type: Stream: ☒ (1st - 2nd order 5th - 6th order 3rd - 4th 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: ☐								
Notes: Bloom observed throughout water column. Canals scatted where blooms reported.					Abundance: Absent Rare Common Abundant			
					Periphyton ☐ ☒ ☐ ☐			
					Fish ☐ ☐ ☒ ☐			
					Aquatic Macrophytes ☐ ☐ ☒ ☐			
					Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

VISIT TEAM:

Matthew Bearden-Mark RL **SW ROC**

Group: A	Bottle Type:	PT-50ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
BLOOM-ID						

Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
W-MCYST-AA						

Group: C	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W						

Group: C	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						

Group: C	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F						

Group: D	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	Lugols	Enter Number of Bottles Sent to Lab
DTY-QN-C						
PKD-QN-C						