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AB-17-1.10

Site Name: River Pointe Canal- Near Manatee River follow-up

Date: 07/15/2019

Appendix A

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-6-05 V2)

WATERBODY Manatee River		DATE (M/D/Y): 07/15/2019	TIME: (AM) 1410	Case ID#:
COUNTY: Manatee	LOCATION: River Pointe Canal near Manatee		NEAREST TOWN/CITY: Bradenton	
Visit Type: Initial ☐ Recon ☐ Sampling ☐ Follow-up ☒	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP RIVER follow up		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: ☒				
Estimated size of bloom: entire Canal		Impounded: ☐ yes ☐ no		
Lake/Estuary Typical depth ☐ m deep		Inflows: ☒ yes ☐ no		
Outflows: ☒ yes ☐ no		Stream/River/Canal 13 m wide 30m		
Typical Transect ☐ m deep 1.3 m deep ☐ m deep		Water velocity ☐ m/s ☐ m/s ☐ m/s		
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 Partial cloud coverage, yet very sunny				
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):	Sal	%	Secchi (m)
Top	0.3	30.8	7.37	2.72	240824135	14.54	34.4%	0.6
Mid-depth								
Bottom								
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order 5th - 6th order 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ canal								
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: Dark Green throughout, better than visit on but worse than last week								
Abundance: Periphyton ☒ Fish ☒ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒								
Abundant: ☐ Rare: ☒ Common: ☐ Abundant: ☐								

VISIT TEAM:

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