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AB-17-1.10

Algal Bloom Sampling Kit
Jetty Park
7/17/19
MKL / LMD
RQ-2019-06-24-30

Appendix A

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

WATERBODY Jetty Park - Atlantic Ocean		DATE (M/D/YY): 7/17/19	TIME: (AM) 1030	Case ID#:
COUNTY: Orange	LOCATION: 350m South of Jetty Park Pier, in Surf Zone		NEAREST TOWN/CITY: Cocoa	
Visit Type: ☐ Initial ☐ Recon ☒ Sampling ☐ Follow-	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP central Lab	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: 1800m x 20m		Impounded: ☐ yes ☒ no		
Lake/Estuary Typical depth 0.5 m deep		Stream/River/Canal ☐ m wide Beach		
Inflows: ☐ yes ☐ no		Typical Transect ☐ m deep ☐ 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 90's clear	28.404923	-80.590286
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):		Secchi (m)	
Top	0.3	30.5	7.76	5.94	54,763		0.1	
Mid-depth								
Bottom	0.5							
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: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☒ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☒ Other: ☐								
Notes: Brown + Red alga including Sargassum + possibly Gracilaria fragments observed crashing onto shore. samples taken within surf zone. no macroalgae fragments observed beyond					Abundance:			
					Absent	Rare	Common	Abundant
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

VISIT TEAM: Mike Drinan Mike Linger	AGENCY: FDEP CEROC
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