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Little Wekiva Bloom
Response



Date: 05/02/2017
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CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY <i>Little Wekiva River</i>		DATE (M/D/YY): <i>5/2/17</i>	TIME: (AM) <i>11:12</i>	Case ID#
COUNTY: <i>Seminole</i>	LOCATION: <i>3684 Watercrest Dr</i> <i>28.7116, -81.4417</i>		NEAREST TOWN/CITY: <i>Longwood, FL</i>	
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐	Samples submitted to: <i>Central Lab</i>		Photos Taken: ☒ yes ☐ no
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐		Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGP: ☒ Turbidity: ☐ Toxin: ☒ <i>Microcystin</i>		
Estimated size of bloom: Lake/Estuary Typical depth: m deep Inflows: ☒ yes ☐ no Outflows: ☐ yes ☐ no	Impounded: ☐ yes ☐ no	Stream/River/Canal: <i>12</i> m wide Typical Transect: m deep Water velocity: m/s		
Canopy Cover: Open: ☐ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☒ Heavily Shaded: ☐		Description of Bloom/ Latitude: <i>28</i> Degrees <i>42</i> Minutes <i>42.1</i> Seconds Longitude: <i>81</i> Degrees <i>26</i> Minutes <i>30.2</i> Seconds		
Present Weather conditions <i>80's Overcast</i>		Last rain event: <i>1 hr</i>		
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)		Rainfall amount:		
Sketch bloom area on the attached map. Indicate wind direction.				

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Sal	DO %	Secch(m)
Top	<i>0.2</i>	<i>27.0</i>	<i>7.2</i>	<i>1.7</i>	<i>319</i>	<i>0.2</i>	<i>21</i>	<i>0.7</i>
Mid-depth								
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: ☐ Glob: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☐ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐								
Notes					Abundance: Periphyton ☐ Rare ☐ Common ☐ Abundant ☐ Fish ☐ ☐ ☐ ☒ Aquatic Macrophytes ☐ ☐ ☒ ☐ Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

Total Depth
0.5 m
0.7 m

VISIT TEAM

Mike Linger
Kalina Warren
Mike Drennan

FDEP-CERO

AGENCY:

[Signature]

Contains
1:1
Sulfuric Acid
SA-6302030
EXP: 10/28/17
Warning!