

20-2019-08-26-47

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET



(7-8-05 V2)

WATERBODY NAME: <i>Lake Okeechobee</i>		DATE (M/D/YY): <i>8/28/19</i>	TIME: (AM) (PM) <i>1130</i>	Case ID#: <i>SD082819-02</i>
LOCATION: <i>SEast</i>		COUNTY: <i>Palm Beach</i>	NEAREST TOWN/CITY: <i>Pahokee</i>	
Visit Type:	Samples collected: ☒ yes ☐ no	Samples submitted to: <i>Tallahassee</i>	Photos Taken: ☒ yes ☐ no	
Initial ☐	Sample collection method:			
Recon ☐	Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐			
Sampling ☒				
Follow-up ☐				
Sample & Analysis types:	Aqueous: ☒	Surface Scum: ☐	Benthic mat: ☐	Tissue: ☐
Algal ID & enumeration: ☒	Nutrients: ☒	Chl-a: ☒	AGP: ☒	Turbidity: ☒ Toxin: ☒
Estimated size of bloom:	Impounded: ☐ yes ☐ no	Stream/River/Canal ☐ m wide		
Lake/Estuary Typical depth ☐ m deep	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	Longitude		
Present Weather conditions	Degrees Minutes Seconds	Degrees Minutes Seconds		
	<i>26.83360</i>	<i>080.70834</i>		
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):	% DO	Sal	Secchi (m)																									
Top	<i>0.3</i>	<i>31.2</i>	<i>8.02</i>	<i>7.61</i>	<i>401.7</i>	<i>102.1</i>	<i>0.19</i>	<i>0.2</i>																									
Mid-depth	<i>3.2</i>	<i>30.3</i>	<i>7.92</i>	<i>6.69</i>	<i>403.9</i>	<i>88.9</i>	<i>0.19</i>																										
Bottom	<i>3.7</i>	<i>30.3</i>	<i>7.91</i>	<i>6.40</i>	<i>404.4</i>	<i>85.3</i>	<i>0.19</i>																										
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: ☒ Opaque: ☐																																
Bloom Color (check box):	Green: ☒ Red: ☐ Brown: ☐ Other: ☐																																
Notes	<table border="1"> <tr> <th>Abundance:</th> <th>Absent</th> <th>Rare</th> <th>Common</th> <th>Abundant</th> </tr> <tr> <td>Periphyton</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Fish</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Aquatic Macrophytes</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Iron/sulfur Bacteria</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> </table>								Abundance:	Absent	Rare	Common	Abundant	Periphyton	☐	☐	☐	☐	Fish	☐	☐	☐	☐	Aquatic Macrophytes	☐	☐	☐	☐	Iron/sulfur Bacteria	☐	☐	☐	☐
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VISIT TEAM:

AGENCY:

Miranda Carroll
+ Kirby Wolfe