

RQ-2019-08-26-47

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: Lake Okerechabee		DATE (M/D/Y): 8/28/19	TIME (AM) (PM): 1055	Case ID#: 30082819-001
LOCATION: Pahokee Marina		COUNTY: Palm Beach	NEAREST TOWN/CITY: Pahokee	
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to:	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: Lake/Estuary Typical depth: m deep		Impounded: ☐ yes ☐ no Stream/River/Canal: m wide Typical Transect: m deep m deep m deep Water velocity: m/s m/s m/s Left bank Middle Right bank		
Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no				

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	26°50'N 80°40'W			
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):	DD%	SMI	Secchi (m)																									
Top	0.3	32.0	8.24	7.60	408.5	104.0	0.19	0.5																									
Mid-depth	2.3	31.2	8.02	3.77	416.0	76.5	0.19																										
Bottom	2.8																																
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: ☐ Globbs: ☐ Slick: ☒																																	
Water Clarity (check box): Clear: ☐ Slightly: ☐ Turbid: ☒ Opaque: ☐																																	
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐																																	
Notes					<table border="1"> <thead> <tr> <th>Abundance</th> <th>Absent</th> <th>Rare</th> <th>Common</th> <th>Abundant</th> </tr> </thead> <tbody> <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> </tbody> </table>				Abundance	Absent	Rare	Common	Abundant	Periphyton	☐	☐	☐	☐	Fish	☐	☐	☐	☐	Aquatic Macrophytes	☐	☐	☐	☐	Iron/sulfur Bacteria	☐	☐	☐	☐
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VISIT TEAM:

Micande Camill
+ Kirby Wolfe

AGENCY: