

RQ-2019-09-02-38

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-5-06 V2)

WATERBODY NAME: Lake Okeechobee		DATE (M/D/YY): 8/28/19	TIME: (AM) (PM) 1220	Case ID#: SD082819-04
LOCATION: Southworth		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:		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: Degrees Minutes Seconds Longitude: Degrees Minutes Seconds				
Present Weather conditions: 26° 48' N 80° 45' W				
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):	% DO	Sal	Secchi (m)
Top	0.3	31.5	8.17	9.21	597.9	125.6	0.19	0.3
Mid-depth	2.7	30.1	7.97	7.08	405.3	93.4	0.19	
Bottom	3.2	30.1	7.85	6.80	405.8	90.0	0.19	
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					Abundance:			
					Absent	Rare	Common	Abundant
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

VISIT TEAM:

Miranda Carroll
+ Kirby Wolfe

AGENCY: