

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

RQ-2019-09-16-44

(7-6-08 V2)

WATERBODY NAME: LAKE OKEECHOBEE		DATE (M/D/Y): 10/22/19	TIME: (AM) (PM) 1115	Case ID#: HAB-102219-LAKE WEST
LOCATION: WEST SIDE LAKE OKEECHOBEE LAKEPORT		COUNTY: CLADES	NEAREST TOWN/CITY: LAKEPORT	
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP US		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: ☒ MICROCYSTIN				
Estimated size of bloom: THROUGHOUT WEST LAKE OKEECHOBEE		Impounded: ☒ yes ☐ no		
Lake/Estuary Typical depth: 3 m deep		Stream/River/Canal: m wide		
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: 26° 54' N	Longitude: -80° 54' W		
Present Weather conditions: PARTLY CLOUDY SE WINDS				
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):	D.O. %	SAL	Secchi (m)
Top	0.3	28.2	8.41	7.59	393.5	97.2	0.19	0.3
Mid-depth								
Bottom	2.0	27.7	8.32	7.23	394.7	91.8	0.19	
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order) Lake: ☒ Wetland: ☐ Estuary: ☐ Other: ☐								
Water Odors (check box): Normal: ☐ Sewage: ☒ Petroleum: ☐ Chemical: ☐ Other: ☐								
Water Surface (check box): Clear: ☐ Scum: ☒ Globes: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☐ Slightly: ☐ Turbid: ☐ Opaque: ☒								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☒ Other: ☐								
Notes: TOTAL DEPTH - 2.5 WATER TURBID BROWN W/ YELLOW FOAM FISH KILL. FOUL ODOR IN AIR.					Abundance:			
					Absent	Rare	Common	Abundant
					☒	☐	☐	☐
					☒	☐	☐	☐
					☒	☐	☐	☐
					☒	☐	☐	☐

VISIT TEAM:

JOHN BARRETT

CHASE CONLEY

AGENCY:

FDEP SOROC