

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

RW-2019-09-16-44

(7-6-06 V2)

HAB-SD-032

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 LAKE PORT

COUNTY: GLADES

NEAREST TOWN/CITY: LAKEPORT

Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐

Samples collected: ☒ yes ☐ no

Samples submitted to: FDEP LAB

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

Stream/River/Canal: m wide

Lake/Estuary Typical depth: 3 m deep

Inflows: ☒ yes ☐ no

Outflows: ☒ yes ☐ no

Typical Transect: m deep

Water velocity: 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)

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):	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 ☐ 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: TOTAL DEPTH - 2.5' WATER TURBID BROWN w/ YELLOW FOAM FISH KILL. FOUL ODOR IN AIR.

Abundance:	Absent	Rare	Common	Abundant
Periphyton	☒	☐	☐	☐
Fish	☒	☐	☐	☐
Aquatic Macrophytes	☒	☐	☐	☐
Iron/sulfur Bacteria	☒	☐	☐	☐

VISIT TEAM: JOHN BARRETT CHASE CONLEY

AGENCY: FDEP SOPRO

QAQC NUMS 10/23/19 + EDD