

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-8-06 V2)

WATERBODY NAME: LAKE OKEECHOBEE DATE (M/D/Y): 10/22/19 TIME (AM/PM): 1030 Case ID#: HAB-102219-LAKE OKEECHOBEE

LOCATION: WESTERN LAKE OKEECHOBEE COUNTY: GLADES NEAREST TOWN/CITY: LAKEPORT

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

Samples collected: ☒ yes ☐ no Sample collection method: ☒ Single Grab ☐ Grab Composite ☐ Depth integrated composite

Samples submitted to: FDEP LAB Photos Taken: ☒ yes ☐ no

Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐

Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGP: ☒ Turbidity: ☒ Toxin: ☒ MICROCYSTIN

Estimated size of bloom: WESTERN LAKE Impounded: ☒ yes ☐ no

Lake/Estuary Typical depth: 3 m deep Inflows: ☒ yes ☐ no Outflows: ☒ yes ☐ no

Stream/River/Canal: m wide 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° 57' 35" N Longitude: -80° 59' 15" 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):	DO %	SAL	Secchi (m)
Top	<u>0.3</u>	<u>28.0</u>	<u>8.66</u>	<u>8.65</u>	<u>409.7</u>	<u>110.0</u>	<u>0.19</u>	<u>0.5</u>
Mid-depth								
Bottom	<u>2.0</u>	<u>27.7</u>	<u>8.57</u>	<u>7.90</u>	<u>410.5</u>	<u>100.3</u>	<u>0.20</u>	

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: ☐ Globbs: ☐ Slick: ☐

Water Clarity (check box): Clear: ☐ Slightly: ☐ Turbid: ☒ Opaque: ☐

Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☒ Other: ☐

Notes: TOTAL DEPTH 2.5M
FLOATING HYACINTH.
GREEN FLECKS ALGAE IN WATER COLUMN

Abundance: Absent Rare Common Abundant

Periphyton: ☒ ☐ ☐ ☐

Fish: ☐ ☐ ☒ ☐

Aquatic Macrophytes: ☐ ☐ ☒ ☐

Iron/sulfur Bacteria: ☐ ☐ ☐ ☐

VISIT TEAM:

AGENCY:

JOHN BARRINGTONCHASE CONLEYFDEP SOURCE