

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY <i>N. lobe of S. half of Lake Orienta</i>		DATE (M/D/YY): <i>2/3/17</i>	TIME: (AM) <i>1010</i>	Case ID#
COUNTY: <i>Seminole</i>	LOCATION: <i>28.65861, -81.37785</i>		NEAREST TOWN/CITY: <i>Altamonte Spgs.</i>	
Visit Type: Initial ☒ Recon ☐ Sampling ☐ Follow- ☐	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
70° clear, Winds NW 4 mph
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):		Secch(m)
Top	<i>.1</i>	<i>18.9</i>	<i>8.7</i>	<i>10.7</i>	<i>214</i>		
Mid-depth							<i>0</i>
Bottom							

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: ☒ Turbid: ☐ Opaque: ☐

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

Notes: *Parameters from boat ramp/dock on W. side of lake:*
Secchi: *.6* | *.7* | *.3* | *11.0* | *118* | *8.9* | *18.5* | *215*

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

VISIT TEAM
Leif Boman
Mike Drennan

FDGP-CEROC AGENCY:

[Signature]