

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY <u>Caloosahatchee</u>		DATE (M/D/YY): <u>10/16/2013</u>	TIME: (AM) <u>1200</u>	Case ID#: <u>SD101618 - 001</u>
COUNTY: <u>LEE</u>		LOCATION: <u>VACAT CLUB BEACH</u>		NEAREST TOWN/CITY: <u>CAPE CORAL</u>
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: ☒ <u>Microcystin</u>				
Estimated size of bloom: Lake/Estuary Typical depth: ☐ m deep Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no		Impounded: ☐ 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/ Present Weather conditions <u>26.5423908</u> <u>-81.9526433</u>
Latitude: Degrees Minutes Seconds Longitude: Degrees Minutes Seconds
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):	<u>0.9</u>	TOTAL DEPTH	Secch(m)
Top	<u>0.25</u>	<u>30.44</u>	<u>8.08</u>	<u>7.37</u>	<u>2.5616</u>	<u>1073</u>		<u>0.5</u>
Mid-depth								
Bottom							<u>0.5</u>	
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: ☐ Globes: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☒ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☒ <u>none visible</u>								
Notes					Abundance: Periphyton ☒ Absent Rare Common Abundant Fish ☒ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒			

VISIT TEAM:

AGENCY:

FL DEP - S ROC