CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME:	DATE (M/D/YY):	TIME: (AM) (PM)	Case ID#:
	08/06/18	945	

COUNTY:	LOCATION:	NEAREST TOWN/CITY:
Lee	SW 12th Ave Canal	Cape Coral

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: ☑ _____ Specify

Estimated size of bloom: Impounded: ☐ yes ☐ no

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

Stream/River/Canal: ____ m wide

Typical Transect: 0.9 m deep | ____ m deep | ____ m deep

Water velocity: ____ m/s (Left bank) | ____ m/s (Middle) | ____ m/s (Right bank)

Canopy Cover: Open: ☐ Lightly Shaded (11-45%): ☑ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐

Description of Bloom/ Present Weather conditions

Latitude: ____ Degrees ____ Minutes ____ Seconds — 26.54697487

Longitude: ____ Degrees ____ Minutes ____ Seconds — -81.99992918

Last rain event: 8-4-18

Rainfall amount: _____

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.

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Sal	DO%	Secchi (m)
Top	0.3	30.11	7.63	4.89	16227	9.44	68.7	0.9 VOB
Mid-depth								
Bottom	0.9							

System Type: Stream: ☐ (1st - 2nd order, 3rd - 4th order, 5th - 6th order, 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☑ Canal

Water Odors (check box): Normal: ☑ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface (check box): Clear: ☐ Scum: ☐ Globs: ☑ Slick: ☑

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

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

Note: ...RIC ...HER SCIENTIFIC ...MAIN STREET ...MIAMI, O 44554 ...1-838-...-2711

Contains: 1:1 H2SO4

...Causes severe skin burns and ...ne fumes/mist/vapours. Wash ...s. Use only outdoors or in a ...ar protective gloves/protective ...on/face protection. Wash contaminated ...ose. IF SWALLOWED: rinse mouth. Do ...iting. IF ON SKIN (or hair): Remove/Take off ...inated clothing. Rinse skin with ... Remove victim to fresh air and ...ortable for breathing. IF IN ...water for several minutes. ...sent and easy to do. Continue ...ate in corrosive resistant ...resistant inner liner.

Contains: 1:1 H2SO4
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

VISIT TEAM:

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

AGENCY: