

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY NAME: Lily^{ct} Canal		DATE (M/D/YY): 08/20/19	TIME: (AM) (PM) 1135	Case ID#: SD08202019-001
LOCATION: Lily Court Canal		COUNTY: Collier County	NEAREST TOWN/CITY: Marco Island	
Visit Type: Initial ☒ Recon ☐ Sampling ☐ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FL DEP 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: ☒ Myset				
Estimated size of bloom: None		Impounded: ☒ yes ☐ no	Stream/River/Canal 40 m wide	
Lake/Estuary Typical depth None		Inflows: ☐ yes ☐ no	Typical Transect 1.5 m deep 8 m deep 1.5 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: None Latitude: 25 56 00 Longitude: N 81 43 20 Degrees Minutes Seconds Degrees Minutes Seconds
Present Weather conditions: Partly cloudy
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. Contains 1:1 Sulfuric Acid Lot No: 847163030 Expires: 06/12/18 See Safety Data Sheet (SDS) last rain event Rainfall amount

WATER QUALITY	Depth (m):	Temp. (°C) :	pH (SU) :	D.O. (mg/l) :	Cond. (µmho/cm) or Salinity (ppt):	DO₂	Sal	Secchi (m)																									
Top	0.3	30.7	7.44	4.92	47226	78.0	30.60	1.2																									
Mid-depth																																	
Bottom																																	
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: ☐ Globbs: ☐ Slick: ☐																																	
Water Clarity (check box): Clear: ☒ Slightly: ☐ Turbid: ☐ Opaque: ☐																																	
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☒ None																																	
Notes: Some floating decaying mat algae depth 1.2					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Abundance:</th> <th>Absent</th> <th>Rare</th> <th>Common</th> <th>Abundant</th> </tr> <tr> <td>Periphyton</td> <td>☐</td> <td>☐</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>Fish</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☒</td> </tr> <tr> <td>Aquatic Macrophytes</td> <td>☒</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> <tr> <td>Iron/sulfur Bacteria</td> <td>☒</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> </table>				Abundance:	Absent	Rare	Common	Abundant	Periphyton	☐	☐	☒	☐	Fish	☐	☐	☐	☒	Aquatic Macrophytes	☒	☐	☐	☐	Iron/sulfur Bacteria	☒	☐	☐	☐
Abundance:	Absent	Rare	Common	Abundant																													
Periphyton	☐	☐	☒	☐																													
Fish	☐	☐	☐	☒																													
Aquatic Macrophytes	☒	☐	☐	☐																													
Iron/sulfur Bacteria	☒	☐	☐	☐																													

VISIT TEAM:

AGENCY: