

HARBOR ISLE

Effective Date: 08/04/2014

Revision Date: 08/04/2014

Author: E. Miller

Site Name: Harbor Isle Follow-Up Algal Bloom Response

AB-17-1.7

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY <i>Harbor Isle</i>		DATE (M/D/Y): <i>2/27/19</i>	TIME: (AM) <i>1140</i>	Case ID#:
COUNTY: <i>Pinellas</i>	LOCATION: <i>Center of Harbor Isle</i>		NEAREST TOWN/CITY: <i>St. Pete</i>	
Visit Type: Initial ☐ Recon ☐ Sampling ☐ Follow-up ☒	Samples collected: ☒ yes ☐ no	Samples submitted to: <i>FDEP LAB</i>	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: <i>LAKEWIDE</i>		Impounded: ☐ yes ☐ no		
Lake/Estuary Typical depth: <i>4.6</i>		Stream/River/Canal <i>Specify</i>		
Inflows: ☐ yes ☒ no		Typical Transect <i>m deep</i> <i>m deep</i> <i>m deep</i>		
Outflows: ☐ yes ☒ no		Water velocity <i>m/s</i> <i>m/s</i> <i>m/s</i>		
		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 <i>70's, Moderate clouds</i>
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map) Last rain event <i>2/26/19</i>
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):	<i>DO %</i>	<i>SAL</i>	Secchi (m)
Top	<i>0.3</i>	<i>23.3</i>	<i>9.50</i>	<i>12.44</i>	<i>9440</i>	<i>198.8</i>	<i>2.37</i>	<i>0.2</i>
Mid-depth								
Bottom	<i>4.1</i>	<i>17.6</i>	<i>8.24</i>	<i>0.40</i>	<i>6685</i>	<i>4.8</i>	<i>3.67</i>	
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: ☐ Glob: ☒ Slick: ☒								
Water Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☒ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐								
Notes					Abundance: Absent Rare Common Abundant			
					Periphyton ☐ ☒ ☐ ☐			
					Fish ☐ ☒ ☐ ☐			
					Aquatic Macrophytes ☐ ☐ ☒ ☐			
					Iron/sulfur Bacteria ☒ ☐ ☐ ☐			

Contains: 1:1 H2SO4
Lot No.: SA8197080
Expires: 07/16/19
See Safety Data Sheet (SDS)

EAM:

Matthew Bearden *Matthew B/L* *SW ROC*
Hannah SPRINKLE

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TERMINAL/SPRINKLER SCIENTIFIC
1430 S. 10TH STREET
TAMPA, FL 33604
407-291-1111
Contains: 1:1 H2SO4
Lot No.: SA8197080
Expires: 07/16/19
See Safety Data Sheet (SDS)

Request Number: RQ-2019-03-11-20

Algal Bloom Response - as needed

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Matthew Bearden

Field Report Prepared By: M. Bearden

Project ID: BLOOM-RESP

Collected By: M. Bearden

Sampling Agency: SWDROC

Location	Field ID/WIN	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
	HARBOR ISLE 		2/27/19	1140				
			Matrix (type, e.g., Salt, Fresh, etc)					
			Temp (C)	23.3				
			pH	9.50				
			Salinity (ppt)	2.37				
			Comments					
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