

Cyanobacteria Bloom Response Field Data Sheet

RQ- 2019-11-04-56		Collected By: Elizabeth Bates Lief Boman
Customer		Field Report Prepared By: Lief Boman
Project ID: HAB		Sampling Agency: 21 FL CEN
Field ID:		Comments:

HAB_11202019_Lake Olivia_1
(Center)
LB / EB

Matrix: fresh	Grab	Collection Equipment: bottles, crow Daddy
Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A	Coordinates:	
High Tide Time:	Low Tide Time:	

Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTth)	Secchi Disk (m)	Total Depth (m)
11/20/19	14:01	8.28	93.0	21.0	7.75	.3	241.1	0.11	2.5	6.0
		7.30	81.6	20.6	7.48	5.5	241.0	0.11		

Bloom Observations						
Algal Bloom Observed? ☐ Yes ☒ No						
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick		
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque		
Bloom Color	☐ Green	☐ Red	☐ Brown	☐ Other: _____		
Algae Distribution	☐ Suspended in water column	☐ On surface	☐ Other: _____			
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other: _____	

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		1	
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	
	Lot: _____ Exp: _____		☐ <2		
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter	☒ Ice		1	
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice ☐ Lugols		1	

Relinquished By: Lief Boman	Date/Time: 11/20/19 15:45	Number of Coolers Shipped: 1	Received By:	Date/Time:
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H2SO4
LOT# SA9010030
EXP: 04/10/2020

LIMS EVENT ID: WQAP-2019-11-21-05
LB 12/13/2019

Cyanobacteria Bloom Response Field Data Sheet

RQ- <u>2019-11-04-56</u> ^(LB)	Collected By: <u>Elizabeth Bates, Luf Boman</u>
Customer	Field Report Prepared By: <u>Luf Boman</u>
Project ID: <u>HAB</u>	Sampling Agency: <u>21 FL CEN</u>
Field ID:	Comments:

HAB_11202019_Lake Olivia_2
(Ramp)
LB / EB

Matrix: <u>fresh</u>	(Grab)	Collection Equipment: <u>bottles, Crawl Daddy</u>
Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A	Coordinates:	
High Tide Time:	Low Tide Time:	

Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTth)	Secchi Disk (m)	Total Depth (m)
<u>11/20/19</u>	<u>14:15</u>	<u>10.54</u>	<u>119.1</u>	<u>21.4</u>	<u>8.67</u>	<u>.3</u>	<u>240.2</u>	<u>0.11</u>	<u>.7(s)</u>	<u>.7</u>

Bloom Observations						
Algal Bloom Observed?	☐ Yes	☒ No				
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick		
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque		
Bloom Color	☐ Green	☐ Red	☐ Brown	☐ Other: _____		
Algae Distribution	☐ Suspended in water column	☐ On surface	☐ Other: _____			
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other: _____	

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		<u>1</u>	
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		<u>1</u>	
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		<u>1</u>	
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	<u>1</u>	
	Lot: _____ Exp: _____		☐ <2		
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter	☒ Ice		<u>1</u>	
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice ☐ Lugols		<u>1</u>	
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	
<u>Luf Boman</u>	<u>11/20/19</u> <u>15:45</u>	<u>1</u>			

UIMS EVENT ID: WQAP-2019-11-21-05

H2SO4
LOT# SA9010030
EXP: 04/10/2020

LB 12/13/2019