



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2020 - 03-09-30		Collected By:	Natalie Ayala, Terry Riordan
Customer:	WQAP	Field Report Prepared By:	Natalie Ayala
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN - CEROC
Location: Lake Minneola near center		Comments:	

Field ID: HABCE0025_MinneolaCtr

WIN ID: HABCE0025

Location: Lake Minneola near center

Coordinates:	28.5689, -81.7643
Collection Equip:	Bottle
High Tide Time:	N/A
Low Tide Time:	
Tide:	☐ Rising ☐ Falling ☐ Slack ☒ N/A

Matrix:	Fresh	Grab
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Water Quality										
Date	Time ☐ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)
03/12/2020	1115	114.9	10.00	21.9	6.94	0.3	6.0	0.3	75.0	0.03
		90.1	8.36	19.0	5.78	5.5	—	—	75.5	0.03

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: _____	☐ N/A					
Algae Distribution	☒ Suspended in water column	☒ On surface	☐ Other: _____	☐ N/A						
Water Odors	☐ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☒ Other: grassy/fertilizer smell					

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group	
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		1	A	
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B	
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B	
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice	☒ H2SO4	☒ <2	1	B
	Acid Lot: H2SO4 LOT# SA9010030 EXP: 04/10/2020	Exp:				
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter Filter Lot # 9149785	☐ Ice		1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y/N	☒ N	1	C
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time		

LIMS EVENT ID: WQAP-2020-03-13-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: Krum 3/25/20

QC Station ID, Field Parameters in LIMS DMT: TR 4/14/20

Scan/Save Field Sheets TR 4/15/20

Migrate Data to WIN: (Initials/Date)

Verify Data in WIN: (Initials/Date)

(Initials/Date)



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Customer:	WQAP	Field Report Prepared By:	Natalie Ayala
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN - CEROC
Location:	Lake Minneola near beach		
Comments:			

Field ID: HABCE0024_MinneolaBch

WIN ID: HABCE0024

Location: Lake Minneola near beach

Coordinates:	28.5622, -81.7621
Collection Equip:	Bottle
High Tide Time:	N/A
Low Tide Time:	N/A
Tide:	☐ Rising ☐ Falling ☐ Slack ☒ N/A

Matrix:	Fresh	Grab
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Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)
6/12/20	1131	115.0	10.00	22.4	6.63	0.3	2.0	0.3	74.5	0.03
		110.7	9.80	21.3	6.34	1.5	-	-	74.8	0.03

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: _____	☐ N/A					
Algae Distribution	☒ Suspended in water column	☒ On surface	☐ Other: _____	☐ N/A						
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Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice	☒ H2SO4	☒ <2	1
	Acid Lot: H2SO4 LOT# SA9010030 EXP: 04/10/2020	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter Filter Lot # 9149785	☒ Ice	1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y/N	1	C
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	

LIMS EVENT ID: WQAP-2020-03-13-11 WIN Import ID: _____

Enter Field Parameters, Verify Station ID in LIMS DMT: Kumi 3/25/20 QC Station ID, Field Parameters in LIMS DMT: TR 4/14/20

Scan/Save Field Sheets TR 4/15/20 Migrate Data to WIN: _____ Verify Data in WIN: _____

(Initials/Date) (Initials/Date) (Initials/Date)