



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

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

2021-07-05-66

RQ - 2021-07-09-01		Collected By: Jordan Skaggs								
Customer: WQAP		Field Report Prepared By: Drew Liddell								
Project ID: BLOOM-RESP		Sampling Agency: 21FLWPB								
Location: Lake Okechobee S30RC (lakeside)		Comments:								
Field ID: 6EHAB0062		Coordinates:								
		Collection Equip:								
WIN ID:		High Tide Time:								
Matrix: Fresh		Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A								
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 (PPTH)
07/08/21	1050	54.8	4.21	29.0	7.50	0.3	2.5	0.4	640	0.31
	1049	54.9	4.22	29.0	7.50	2.0	2.0		640	0.31
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:					
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			
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice	1	B			
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice		Lugols? Y / N					
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
FDEP	07/08/21 1600	2								



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RQ - 2021-07-05-66		Collected By: Jordan Skaggs	
Customer: WQAP	Field Report Prepared By: Drew Liddick		
Project ID: BLOOM-RESP	Sampling Agency: 21FLWPB		
Location: C44 Canal - 5308C (Canal side)		Comments:	
Field ID: 5EHAB0063		Coordinates:	
		Collection Equip:	
WIN ID:	High Tide Time:	Low Tide Time:	
Matrix: Fresh	Grab	Tide:	☐ Rising ☐ Falling ☐ Slack ☒ N/A

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 (PPTH)
07/08/21	1100	59.9	4.54	29.8	7.51	0.3	2.1	0.5	631	0.30
	1059	57.1	4.34	29.6	7.51	1.6	—	—	631	0.30

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:

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		1	A B B B
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice			
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice			
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2		
Preserved Nutrients (500mL HDPE)	Acid Lot:	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	
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RQ - 2021-07-05-66		Collected By: Jordan Skaggs	
Customer: WQAP	Field Report Prepared By: Drew Liddick		
Project ID: BLOOM-RESP	Sampling Agency: 21FLWPB		
Location: CSI Canal - Military Trail		Comments:	
Field ID: 4EHAB0060		Coordinates:	
		Collection Equip:	
WIN ID:		High Tide Time:	Low Tide Time:
Matrix: Fresh	(Grab)	Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A	

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 (PPTH)
07/08/21	1300	93.7	7.01	30.5	7.74	0.3	1.01	0.8	581	0.28

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:

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	
	Acid Lot:	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice		
	Filter Lot #			1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		

Relinquished By: FDEP	Date/Time: 07/08/21 1600	Number of Coolers Shipped: 2	Received By:	Date/Time:
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RQ - 2021-07-05-66		Collected By: Jordan Skaggs	
Customer: WQAP	Field Report Prepared By: Drew Ladd		
Project ID: BLOOM-RESP	Sampling Agency: 21FLWPB		
Location: C51 Canal - Forest Hill Blvd.		Comments:	
Field ID: 5EHAB0058		Coordinates:	
		Collection Equip:	
WIN ID:	High Tide Time:		Low Tide Time:
Matrix: Fresh	Grab	Tide: ☐ Rising ☐ Falling ☐ Slack ☐ N/A	

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 (PPTH)
07/08/21	1320	75.1	6.97	29.9	7.80	0.3	1.09	0.5	535	0.26

Bloom Observations					
Algal Bloom Observed? ☒ Yes ☒ No					
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ 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:

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
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot:	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter	☒ Ice		1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		

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RQ - 2021-07-05-66		Collected By: Jordan Skaggs	
Customer: WQAP		Field Report Prepared By: Drew Liddick	
Project ID: Bloom-RESP		Sampling Agency: 21FLWPB	
Location: C51 Canal - S155 (upstream)		Comments:	
Field ID: 5EHAB0059		Coordinates:	
		Collection Equip:	
WIN ID:		High Tide Time:	
Matrix: Fresh		Low Tide Time:	
Grab		Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A	

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 (PPTH)
07/08/21	1340	74.9	5.60	30.6	7.83	0.3	1.7	—	567	0.27
	1339	69.1	5.18	30.4	7.71	1.2	—	0.7	567	0.27

Bloom Observations					
Algal Bloom Observed? ☐ Yes ☒ No					
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ 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:

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
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot:	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		

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