



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

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RQ - 2022-04-25-47		Collected By: <u>Monica Tucker</u>								
Customer: <u>FDPR</u>		Field Report Prepared By: <u>Thomas Baker</u>								
Project ID: <u>Bloom Response</u>		Sampling Agency: <u>SRDL</u>								
Location: <u>Culpeper Lake River - River Forest Kayak Launch</u>		Comments: <u>No visible algae observed at time of sampling</u>								
Field ID: <u>NAA-5A-05192022-0900</u>		Coordinates: <u>26.71542 N, -81.73615 W</u>								
WIN ID:		Collection Equip: <u>Bottle</u>								
Matrix: <u>Fresh</u>		High Tide Time: 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)
05/19/22	0900	107.7	8.29	28.8	8.29	0.15	0.3	0.3	8545	0.26
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			
Acid Lot: <u>SA1328030</u>		Exp: <u>12/01/22</u>								
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice	1	B			
Filter Lot # <u>17441866</u>										
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice		Lugols? Y / N					
Relinquished By: <u>Thomas Baker</u>	Date/Time: <u>05/19/22</u>	Number of Coolers Shipped: <u>1</u>		Received By:		Date/Time:				
<u>0400</u>										



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RQ - 2022-04-25-47		Collected By: Monica Jaeger	
Customer: FDER	Field Report Prepared By: Thomas Baker		
Project ID: Bloom Response	Sampling Agency: FDER SROE		
Location: Alachua Hatchee River Boat Ramp		Comments: Algae observed, suspended in water	
Field ID: MAB-SD-05192022-80518 810	Coordinates: 26.71391 N, -81.60595 W		Collection Equip: D, 771r
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 (PPT)
05/19/22	8:55 0810	123.7	9.55	28.8	8.29	0.3	0.8	0.8	478.6	0.23

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		1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y/N		

Relinquished By: Thomas Baker	Date/Time: 05/19/22 1400	Number of Coolers Shipped: 1	Received By:	Date/Time:
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RQ - 2022-04-25-47		Collected By: <i>Monica Jalge</i>								
Customer: FDEP	Field Report Prepared By: <i>Thomas Baker</i>									
Project ID: <i>Bloom Response</i>	Sampling Agency: <i>SKDC</i>									
Location: <i>Caloosahatchee River - Davis Boat Ramp</i>		Comments: <i>Algae suspended, Construction at Boat ramp</i>								
Field ID: <i>HA3-SD-05142022-0925</i>		Coordinates: <i>26.1317, -81.753221</i>								
WIN ID:		Collection Equip: <i>Bottle, pole</i>								
Matrix: <i>Fresh</i>		High Tide Time: <i>0920</i>	Low Tide Time: <i>1128</i>							
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 (PPT)
<i>05/19/22</i>	<i>0925</i>	<i>122.6</i>	<i>9.35</i>	<i>29.4</i>	<i>8.55</i>	<i>0.3</i>	<i>1.1</i>	<i>1.0</i>	<i>666</i>	<i>0.32</i>
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		<i>1</i>	<i>A</i>					
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		<i>1</i>	<i>K</i>					
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		<i>1</i>	<i>B</i>					
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4 ☒ <2		<i>1</i>	<i>B</i>					
Preserved Nutrients (500mL HDPE)	Acid Lot: <i>SA1308030</i>	Exp: <i>12/01/22</i>								
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	<i>1</i>	<i>B</i>					
	Filter Lot # <i>17441866</i>									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N							
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time						
<i>Thomas Baker</i>	<i>05/19/22 1400</i>	<i>11</i>								