

Central Laboratory Submittal Form

Customer: WQAP

Requester: Jeremy M. Parrish

Field Report Prepared By: Gregory Owen

Project ID: BLOOM-RESP

Collected By: Gregory Owen

Sampling Agency: Alachua County Env Protection

Location Lake Wauberg N	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/2/2022 Time 1615	Eastern Central	Composite end Date 6/2/2022 Time 1714	Bottle Group(s) (See pg 2) B
Field ID L WAUBERG N	Matrix (type, e.g., Salt, Fresh, etc) SW / Fresh		Diss. Oxygen 100.96	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET # NEHAB0081	Temp (C) 33.3	pH 10.06	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 111
Latitude 29.53442 ☒ dd ☐ dms	Longitude -82.30436 ☒ dd ☐ dms	Salinity (ppt) —	Comments		
Location BIU441 Rivers Arm @ 441 outlet	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/2/22 Time 1700	Eastern Central	Composite end Date — Time —	Bottle Group(s) B
Field ID BIU441	Matrix (type, e.g., Salt, Fresh, etc) SW / Fresh		Diss. Oxygen 7.59	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET # NEHAB0080	Temp (C) 28.0	pH 9.85	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 185
Latitude 29.62163 ☐ dd ☐ dms	Longitude -82.34003 ☐ dd ☐ dms	Salinity (ppt) —	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date — Time —	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date — Time —	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date — Time —	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

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

RQ - 2022-05-30-23		Collected By: Greg Owen	
Customer: Alachua County	Field Report Prepared By: Greg Owen		
Project ID: Bloom Response	Sampling Agency: ACEPP		
Location: West side of US441 S of SW 16th St and Paramount Hotel		Comments: Sample collected by Alachua County in coordination w/ NE ROC JAY	
Field ID: BIV441		Coordinates: 29.62163, -82.34003	
		Collection Equip: Grab Pole / Intermediate	
WIN ID: BIV441		High Tide Time: NA	Low Tide Time: NA
Matrix:	(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)
6/2/22	1700	96.5	7.59	28.0	9.85	0.3	3.4 ft 1.2 m	1.4 ft 0.58	185	—

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	B
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: SA1308030	Exp: 12/1/2022			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☐ Ice		1
		Filter Lot #: Whatman F114			B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y (N)	1	B

Relinquished By: Greg Owen	Date/Time: 6/2/2022 1830	Number of Coolers Shipped:	Received By:	Date/Time:
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Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

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

RQ - 2022-05-30-23		Collected By:	Greg Owen							
Customer:	Alachua County	Field Report Prepared By:	Greg Owen							
Project ID:	Bloom Response	Sampling Agency:	ACEP							
Location: Lake Wauberg end of Dock located at UF's North Entrance		Comments: Collected from Dock at North Entrance of UF property near swim area WBEO 2741 B								
Field ID: L Wauberg N		Coordinates:	29.53442							
		Collection Equip:	-82.30436 <i>Entomobrya</i> <i>Grab pot</i>							
WIN ID: LWAUBERGN		High Tide Time:		Low Tide Time:						
Matrix:	SW	(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)
6/2/22	1615	155 167	10.96	33.3	10.06	0.3	H	2.8 ft	111	
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	B			
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:	SA1308030	Exp:	12/1/2022						
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice	1	B			
			Filter Lot # W/Whetman 0.45							
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☒ Ice		Lugols? Y/(N)	1	B			
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
Greg Owen	6/2/2022 1830									