



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

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

RQ - 2021-07-05-64		Collected By:	Monica Jaeger							
Customer:	FDEP-SOROC	Field Report Prepared By:	William Mullen							
Project ID:	HAB Response	Sampling Agency:	FDEP-SROC							
Location:		Comments:								
Orange River – Manatee Park										
Field ID:		Coordinates:	26.692186, -81.776835							
HAB-SD-07012021-002		Collection Equip:	Sample bottle, Pole							
WIN ID:	HAB-SD-045	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)
07/01/21	0805	79.9	5.75	32.3	6.95	0.3	1.9	1.0	3323	1.72
		79.8	5.74	32.3	7.27	1.4			3339	1.73
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				
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4	☒ <2	1	C				
Preserved Nutrients (500mL HDPE)	Acid Lot: SA1105060		Exp: 04/03/22							
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice		1	B				
		Filter Lot # 17162587								
Quantitative Algae	☒ QTY-QN-C / PKD-QN-C		☒ Lugols? Y / N							
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time						
William Mullen	07/01/21 1403	1								