



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

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

RQ - 2021-05-17-68		Collected By: GARY SNORAK								
Customer: SODIST	Field Report Prepared By: JOHN BARRINGTON									
Project ID: BLOOM-RESS	Sampling Agency: FDEP SOROC									
Location: ORANGE RIVER - ORANGE HARBOR RV		Comments: GREEN FLECKS ON SURFACE + THROUGHOUT WATER COLUMN								
Field ID: HAB-SD-051721-01		Coordinates:								
WIN ID:		Collection Equip: BOTTLES	0356							
Matrix: FRESH		High Tide Time: 1054	Low Tide Time: 1654							
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)
5/17/21	0920	96.3	7.20	30.6	7.59	0.3	1.6	1.2	444.6	0.21
5/17/21	0922	69.5	5.31	29.4	7.72	1.1	—	—	465.7	0.22
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: SA0353110		Exp: 11/11/22								
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice	1	B			
Filter Lot #: 16989757										
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C		☒ Ice	Lugols? Y/(N)		1	B			
Relinquished By: JOHN BARRINGTON	Date/Time: 5/17/21 1600	Number of Coolers Shipped: 1		Received By:		Date/Time:				