



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

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

RQ - 2022-07-18-31				Collected By:		John Barrington, William Mullen						
Customer:		WQAP BLOOM RESP		Field Report Prepared By:		John Barrington						
Project ID:		BLOOM_RESP		Sampling Agency:		SOROC						
Location: Caloosahatchee-Santa Fe Canal					Comments: Mats of filamentous algae present at deadend canal system.							
Field ID: HAB-SD-102422-0825					Coordinates:		26.59030, -81.95710					
WIN Secondary Resource Type: Canal					Collection Equip:		WaterBottle					
WIN ID: HAB-SD-0115					High Tide Time:		02:41		Low Tide Time:		10:06	
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)		
10/24/2022	08:25	76.5	6.47	23.3	6.75	0.3	1.3	1.3	2052	1.05		
Bloom Observations												
Algal Bloom Observed? ☒ Yes ☐ No												
Water Clarity		☒ Clear		☐ Slightly Turbid		☐ Turbid		☐ Opaque				
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:				
Algae Type		☐ Planktonic		☒ Filamentous		☐ Other:						
Algae Accumulation		☒ Mat		☐ Specks		☐ Scum		☒ Glob				
Algae Distribution		☐ Surface-Entire		☒ Surf-Localized		☒ Surf-Windblown		☐ Suspended		☐ Benthic ☒ Epiphytic		
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group		
Algal ID (PT-50mL)		☐ ALGAL-ID				☐ Ice						
Bloom ID (PT-50mL)		☒ BLOOM-ID				☒ Ice			1	A		
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B		
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B		
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP SA214516 Acid Lot: Exp:				☒ Ice ☒ H2SO4 6/2/23		☒ <2	1	B		
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	B		
				Filter Lot # 17441866								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols						
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time			
John Barrington		10/24/2022 15:00		1								