

Entered in LIMS: 06/09/2021 AL
LIMS ID: WQAP-2021-05-07-02



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

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

RQ - 2021-05-03-64		Collected By: Andrew Luerling; Sabrina Fischer	
Customer: WQAP	Field Report Prepared By: Andrew Luerling		
Project ID: HAB-Resp	Sampling Agency: SEROZ		
Location: M-Canal		Comments:	
Field ID: SE HAB0031		Coordinates:	
		Collection Equip:	
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)
05/06/2021	1245	86.2	6.31	31.9	8.18	0.3	2.0		420.1	0.20
	1244	51.9	3.89	30.5	7.88	1.5			421.9	0.20

Bloom Observations						
Algal Bloom Observed? ☐ Yes ☐ No (Unclear; Filamentous) ✓						
Water Surface	☐ Clear	☐ Scum	☒ Globs	☒ Stick		
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	B
Preserved Nutrients (500mL HDPE)	Acid Lot: _____	Exp: _____			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice		
	Filter Lot #: _____			1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y / N	1	B
Relinquished By: FDEP	Date/Time: 05/06/2021 1700	Number of Coolers Shipped: 4	Received By:	Date/Time:	