

Cyanobacteria Bloom Response Field Data Sheet

RQ-2019-07-22-66		Collected By: Matthew Bearden								
Customer	WQAP	Field Report Prepared By: Sarah Meyer								
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP							
Field ID: HAB-SW-0001 		Comments: WIN ID: 41503								
Site Name: HAB_111219_Lkldyl Lake Tdyl - Near Ramp		Collection Equipment: Direct Grab								
Matrix:	Fresh Water	Grab	Coordinates: 28.04253, -81.71427							
Tide:	☐ Rising ☐ Falling ☐ Slack ☒ N/A	High Tide Time:	Low Tide Time:							
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPT)	Secchi Disk (m)	Total Depth (m)
11/12/2019	1045	9.16	108.9	24.04	6.81	0.3	164	0.08	0.6	2.2
		5.99	70.8	23.67	6.47	1.7	170	0.08		
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: _____					
Algae Distribution	☒ Suspended in water column		☐ On surface		☐ Other: _____					
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	
	Lot	SA9203100		Exp:	07/22/20		☒ <2			
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice			1	B	
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C				☒ Ice	☐ Lugols		1	C	
Relinquished By:	Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
M. Bearden	11/12/19 1500		1							