

Cyanobacteria Bloom Response Field Data Sheet

RQ-2019-11-18-69		Collected By: Francisco Faria								
Customer: 21FLTPA	Field Report Prepared By: Kelby Callahan									
Project ID: BLOOM_RESP	Sampling Agency: FDEP									
Field ID: HAB-SW-0002		Comments: Center of lake.								
Field ID/WIN		WIN ID: 41506								
Site Name: HAB_111819_ScottLk Scott Lake - Center		Collection Equipment: Sample bottle								
Matrix: fresh	Grab	Coordinates: 27.9655934, -81.9403186								
Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A	High Tide Time: N/A	Low Tide Time: N/A								
Water Quality										
Date	Time ☐ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTth)	Secchi Disk (m)	Total Depth (m)
11-18-2019	1110	10.38	114.3	20.1	8.47	0.3	199.0	0.09	0.4	30
	1112	8.50	93.1	19.4	8.02	3.3	199.7	0.09		
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ 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 9203100		Exp: 7/22/20		☒ <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	11-18-2019/1500	1								

SULFURIC ACID <51%
DANGER
7584-85-9
7732-18-5

Contains: 1.1 H2SO4
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fumes/mist/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/raise off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue eye flushing with a resistant inner liner.

Contains: 1.1 H2SO4
Lot No: SA9203100
Expires: 07/22/20
See Safety Data Sheet (SDS)