

Cyanobacteria Bloom Response Field Data Sheet

RQ-2019- 08-05-44		Collected By:	K McDonald A Kalmbacher							
Customer	Shoshone Lake	Field Report Prepared By:	K McDonald							
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP DEAR							
Field ID:		Comments: Some filamentous on shore green algae obvious throughout water column → easily visible								
Matrix:		Collection Equipment:	sample bottle + pour							
Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A		Coordinates:	29.84246, -82.33667							
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 (PPTH)	Secchi Disk (m)	Total Depth (m)
12/18/19	1240	7.30	77.9	18.5	6.61	0.321	578	0.03	VOB	1.246
	1242	7.15	76.3	18.5	6.60	0.778	580	0.03	S	
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:	some streaking on shore						
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				
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45um Filter	☒ Ice		B				
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C		☒ Ice ☐ Lugols							
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:	Date/Time					
Kelly McDonald	12/18/19	1								

SULFURIC
ACID <61%
DANGER
7554-55-9
7732-18-5

Contains 1.1 H2SO4
Lot No SA9203100
Expires 07/22/20
See Safety Data Sheet (SDS)
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fumes/mist/vapors. 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/Take 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.