



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

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

RQ - 2020 - 03-02-57		Collected By:	Rob Renk, Mike Drennan
Customer:	WQAP	Field Report Prepared By:	Mike Drennan
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN - CEROC
Location: Lake Roberts SE		Comments: Bloom present throughout littoral zone and thinning toward center of lake.	
Field ID:	HABCE0028_Lake Roberts	Coordinates:	28.5144, -81.5703
WIN ID:	HABCE0028	Collection Equip:	Water Bottle
Matrix:	Aqueous	High Tide Time:	
		Low Tide Time:	
		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)
8/10/2020	1120	69.6	5.0	32.6	7.2	0.3	1.4	0.5	176	

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:	☐ N/A
Algae Distribution	☒ Suspended in water column	☒ On surface	☐ Other:	☐ N/A	
Water Odors	☐ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☒ Other: Blooms smell

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	B
Preserved Nutrients (500mL HDPE)	Acid Lot: SA9301030	Exp: 10/28/20			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter		1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugol's? Y/N	1	C
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	
Mike Drennan	8/10/20 1430	1			

LIMS EVENT ID: WQAP-2020-08-11-02 WIN Import ID: 21981

Enter Field Parameters, Verify Station ID in LIMS DMT: QC Station ID, Field Parameters in LIMS DMT: TR 9/15/20

Scan/Save Field Sheets KWM 9/21/20 Migrate Data to WIN: KWM 9/21/20 Verify Data in WIN:

SULFURIC ACID <51%
DANGER
7584-93-0
7732-18-5
Contains 111 H2SO4
MAY BE HARMFUL 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 NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with keep at least 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 rinsing. Store locked up. Place in corrosive resistant container with a secondary containment.

Contains: 111 H2SO4
Lot No: SA9301030
Expires: 10/28/20
See Safety Data Sheet (SDS)