



Cyanobacteria Bloom Response Field Data Sheet (2019-12)

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

Contains: 1 H2SO4
Lot No.: SA9354050
Expires: 12/20/20
See Safety Data Sheet (SDS)

THermo FISHER SCIENTIFIC
SULFURIC ACID <51%
DANGER
Corrosive
H314 Causes severe skin burns and eye irritation.
H332 Irritating to eyes.
P273 Do not release into the environment.
P501 Dispose of contents and container in accordance with local, state, and federal regulations.
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RQ - 2020-03-30-08	Collected By: M. Bearden
Customer: FDEP	Field Report Prepared By: M. Bearden
Project ID: Bloom Response	Sampling Agency: 21FLTPA - SW ROC

WIN/Field ID

HAB-SW-0017



Comments:

No Bloom visually observed. ^{odor present}

Site Name: Lake Mariam - Near Ramp

Coordinates:

Collection Equip: Bottles - Direct Grab

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)
6/17/20 0940	0940	90.7	6.97	29.0	7.95	0.3	1.5	0.6	250.3 2503	0.12

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: Musky

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 0.45µm Filter Filter Lot #	☒ Ice		1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y/N	1	C
Relinquished By: M. Bearden	Date/Time: 6/17/20 1500	Number of Coolers Shipped: 1	Received By:	Date/Time:	