



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

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

RQ - 2022-08059

Customer: WQAP

Project ID: Bloom-RESP

Location: Highlands County -
Saddleburgs Lake

Field ID:

HAB-HC - 083122 - 0931

WIN ID:

Matrix: Fresh

Collected By: Samuel Eriksen

Field Report

Prepared By: Samuel Eriksen

Sampling Agency: Highlands County

Comments: large mat of macroalgae
Present on Surface. BGA Present in
water column. PH not collected.

Coordinates: N 27° 17' 45", W 81° 21' 12"

Collection Equip: Direct grab, Springer, Filter

High Tide Time:

Low Tide Time:

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 (PPTH)
08/31/2022	0931	98.4	7.44	29.9	/	0.3	0.8	0.8	291.8	/

Bloom Observations

Algal Bloom Observed?	☒ Yes	☐ No
Water Surface	☐ Clear	☐ Scum
Water Clarity	☐ Clear	☐ Slightly Turbid
Bloom Color	☒ Green	☐ Red
Algae Distribution	☒ Suspended in water column	☐ On surface
Water Odors	☐ Normal	☒ Sewage
	☐ Globbs	☐ Slick
	☒ Turbid	☐ Opaque
	☒ Brown	☐ Other: _____
	☐ On surface	☐ Other: _____
	☐ Petroleum	☐ Chemical
	☐ Other: _____	☐ N/A

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	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: H2SO4 LOT# SA2145160 EXP: 06/02/2023	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	1	B
	Filter Lot # 17441866				
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	

Samuel Eriksen

08/31/2022
11:00

1