



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

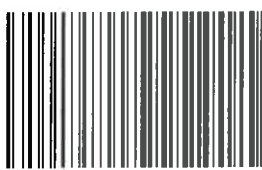
Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2019 ²⁰¹⁹ **18-28-56** **Collected By:** Leif Boman / Mike Drennan

Customer: FDEP **Field Report Prepared By:** Mike Drennan

Project ID: BLOOM-RESP **Sampling Agency:** 21FLCEN, CENROC

Location: Lake Minneola @ Waterfront Park boat ramp area **Comments:** Bloom observed, concentrated in Littoral zone.

WIN ID / Field ID →  HABCE0005 **Coordinates:** 28.5636, -81.7579

Collection Equip: Water Bottle; YSI Prods; Crow Daddy

WIN ID: **High Tide Time:** **Low Tide Time:**

Matrix: ☒ Fresh ☐ Marine ☒ 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)
1/16/20	1151	120.2	10.15	24.0	7.72	0.3	2.1	0.2	73.4	0.03
		117.4	10.12	22.8	7.30	← 1.6	—	—	73.2	0.03

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: Tan ☐ N/A

Algae Distribution: ☒ Suspended in water column ☒ On surface ☐ Other: ☐ N/A

Water Odors: ☐ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☒ Other: Bluegreens

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles	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: NEQU+ LOT# SA9203100 EXP: 07/22/2020	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter	☒ Ice		1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? ☒ Y ☐ N	1	C
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	

Mike Drennan 1/16/20

LIMS EVENT ID: SENT DIST 2020 WQAPP-2020-01-17-02

Enter Field Parameters, Verify Station ID in LIMS DMT: 1/21/2020 QC Station ID, Field Parameters in LIMS DMT: (Initials/Date)

Scan/Save Field Sheets 1/21/2020 Migrate Data to WIN: (Initials/Date) Verify Data in WIN: (Initials/Date)