

RQ-2020-12-21-35



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

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

RQ-2020-12-21-35

Customer: WQAP

Project ID: BLOOM-RESP

Location:

Collected By:

Field Report

Prepared By:

Katie March + Victoria Schwartz

V. Schwartz

Sampling Agency: 21FLCEN - CEROC

Comments: Suspended floc in water throughout. More buildup along W shore due to wind. Lots of algae in canal to Rowena.

Coordinates: 28.5677157, -81.3692559

Collection Equip: Sample containers, syringe

High Tide Time: N/A Low Tide Time: N/A

Matrix: Fresh

Grab

Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A

Water Quality

Date	Time	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)
1/7/21	10:56	101.9	9.69	17.7	7.72	0.309	3.4	0.9	247.0	0.12
	10:57	98.5	9.43	17.4	7.74	2.003			247.0	0.12
	10:58	74.6	7.15	17.3	7.58	2.919			248.1	0.12

Bloom Observations

Algal Bloom Observed? ☒ Yes ☐ No

Water Surface ☒ Clear ☐ Scum

☐ Globbs ☐ 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:

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: SA0293040

Exp: 10/19/21

Filtered Nutrients (P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter

☒ Ice

1

B

Filter Lot # 9149785 116930280

Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☒ Ice

Lugols? Y (N)

1

B

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

V. Schwartz 1/7/21 16:00

1

LIMS EVENT ID: WQAP-2021-01-08-01

WIN Import ID: 23957

Enter Field Parameters, Verify Station ID in LIMS DMT: KWM 1/20/21

QC Station ID, Field Parameters in LIMS DMT: EB 1/25/21

Scan/Save Field Sheets KWM 2/10/21

Migrate Data to WIN: KWM 2/10/21

Verify Data in WIN: