



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

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

RQ-2023-02-27-58

Collected By:

RENK

Customer:

WQAP

Field Report

Prepared By:

RENK

Project ID:

BLOOM-RESP

Sampling Agency:

Orange EPD

Comments:

Win ID: HABOC0009

Lake Speer - NW Lobe

Field ID: HABOC0009_LakeSpeer1

Syringe: 2298556

Coordinates:

28.483104, -81.602176

Collection Equip:

Sample bottles, Syringe

WIN ID:

HABOC0009

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 (PPTH)
2/28/23	1115	89.2	7.5	24.0	6.8	0.3	0.8	0.85	212	N/A

Bloom Observations

Algal Bloom Observed?

☐ Yes

☒ No

Water Surface

☒ Clear

☐ Scum

☐ Glob's

☐ 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 / W-SAXTN-MS

☒ Ice

1

B

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4

☒ <2

1

B

Preserved Nutrients
(500mL HDPE)

Acid Lot: CAS 7664-93-9

Exp: 1-17-2024

Filtered Nutrients
(P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter

☒ Ice

1

B

Filter Lot # 17413308

Quantitative Algae

☐ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? Y / N

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

RENK 2/28/23

1