

Tracking # 5859 4733 6921



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

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

RQ-2023-03-20-44

Collected By:

RENK

Customer:

WQAP

Field Report

Prepared By:

RENK

Project ID:

BLOOM-RESP

Sampling Agency:

Orange EPD

Comments:

SUNNY, SLIGHT BREEZE

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)
3/23/23	1055	98.7	8.5	22.5	6.9	0.3	0.6	0.65	222	

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
LabBottle
Group

Bloom ID (PT-50mL)

☒ BLOOM-ID☒ Ice

1

A

Chlorophyll (BP-1L)

☒ CHLSUITE-W☒ Ice

1

B

Toxins (BG-WD250)

☒ W-MCYST-AA ☒ 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: SA3013020

Exp: 1/25/24

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

3/23/23

1500

1