



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

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

RQ - 2021-09-06-61

Customer: WQAP

Project ID: BLOOM Resp

Location:

Collected By:

Mike Linger

Field Report

Prepared By:

Mike Linger

Sampling Agency:

Orange County

Comments:

Field ID: HABOC0006_LakeSpeer

Win ID: HABOC0006

Lake Speer - SE boat ramp

* Coordinates: 28.4733, -81.5932

Collection Equip: container, syringe

High Tide Time:

Low Tide Time:

WIN ID:

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 (PPT)
10/13/21	0930	73.7	5.8	27.7	6.7	0.3	2.1	2.1	252	

MKL 10/13/21

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: anaerobic

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

Preserved Nutrients
(500mL HDPE)

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4 ☐ <2

1

B

Acid Lot:

H2SO4
LOT# SA1105060
EXP: 04/30/2022

Exp: ←

Filtered Nutrients
(P125mL)

☒ W-PO4-F

☐ Field Filtered 0.45µm Filter

☒ Ice

1

B

Filter Lot # 17135560

Quantitative Algae

☐ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? Y / N

Date/Time

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Mike Linger

10/13/21

1600

1

SVCS: PRIORITY OVERNIGHT
TRCK: 9293 8015 5590

WQAP-2021-10-14-03

LIMS ENTRY: KWM 10/29/21 LIMS QC:EB 11/16/21

WIN ID: 30063, KWM 12/14/21