



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

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

RQ - 2021-09-06-01

Customer: WQAP

Project ID: Bloom-Resp

Location:

Collected By: Mike Drennan, Tsing Torres

Field Report Prepared By: Mike Drennan

Sampling Agency: Orange County

Comments: No apparent bloom, though some algae suspended in water column

Coordinates: 28.499, -81.337

Collection Equip: container, syringe

Field ID: HABOC0004\_LakeAnderson

Win ID: HABOC0004

Lake Anderson - Center

WIN ID:

Matrix: Fresh

Grab

High Tide Time:

Low Tide Time:

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

## Water Quality

| Date   | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | D.O.<br>(%) | D.O.<br>(mg/L) | Temp<br>(°C) | pH<br>(SU) | Sample<br>Depth<br>(m) | Total<br>Depth<br>(m) | Secchi<br>Disk<br>(m) | Sp. Cond.<br>(µmho/cm) | Salinity<br>(PPTH) |
|--------|---------------------------------------------------------------------------------|-------------|----------------|--------------|------------|------------------------|-----------------------|-----------------------|------------------------|--------------------|
| 9/9/21 | 0915                                                                            | 98.4        | 7.4            | 30.4         | 7.4        | 0.3                    | 4.8                   | 1.5                   | 233                    | —                  |
|        |                                                                                 | 94.0        | 7.0            | 30.3         | 7.3        | 4.3                    | —                     | —                     | 235                    | —                  |

## 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: \_\_\_\_\_

Algae Distribution ☒ Suspended in water column ☐ On surface ☐ Other: \_\_\_\_\_

Water Odors ☒ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☐ Other: \_\_\_\_\_

Contains: Conc. H2SO4  
Lot No.: SA1105060  
Expires: 04/30/22  
See Safety Data Sheet (SDS)

ACID > 61%  
DANGER  
SULFURIC  
ACID > 61%  
H2SO4  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)  
1.835 g/mL (18.35% w/w)

| Parameter Suite                     | Parameter Methods                                                       | Preservation                                                                              | pH Check                                                                         | #Bottles Sent to Lab | Bottle Group |
|-------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------|--------------|
| Bloom ID (PT-50mL)                  | <input checked="" type="checkbox"/> BLOOM-ID                            | <input type="checkbox"/> Ice                                                              |                                                                                  | 1                    | A            |
| Chlorophyll (BP-1L)                 | <input checked="" type="checkbox"/> CHLSUITE-W                          | <input type="checkbox"/> Ice                                                              |                                                                                  | 1                    | B            |
| Toxins (BG-WD250)                   | <input checked="" type="checkbox"/> W-MCYST-AA                          | <input type="checkbox"/> Ice                                                              |                                                                                  | 1                    | B            |
|                                     | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP | <input type="checkbox"/> Ice                                                              | <input checked="" type="checkbox"/> H2SO4 <input checked="" type="checkbox"/> <2 | 1                    | B            |
| Preserved Nutrients (500mL HDPE)    | Acid Lot: H2SO4<br>LOT# SA1105060<br>EXP: 04/30/2022                    | Exp: 4/30/22                                                                              |                                                                                  |                      |              |
| Filtered Nutrients (P125mL)         | <input checked="" type="checkbox"/> W-PO4-F                             | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter<br>Filter Lot # 17135566 | <input type="checkbox"/> Ice                                                     | 1                    | B            |
| Quantitative Algae Relinquished By: | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                            | <input type="checkbox"/> Ice                                                              | Lugols? Y / N                                                                    |                      |              |
| Date/Time                           | Number of Coolers Shipped                                               | Received By:                                                                              | Date/Time                                                                        |                      |              |

Mike Drennan 9/9/21 1250

LIMS Event ID: WQAP-2021-09-10-02

WIN ID 29280

Sample ID: 2275231

LIMS ENTRY: KWM 10/12/21

MIGRATED: KWM 10/26/21

FIELD SHEETS SAVED: KWM 10/26/21