



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

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

RQ-2023-02-27-58

Customer: **WQAP**

Project ID: **BLOOM-RESP**

Win ID: **HABOC0013**

Lake Burkett - Center

Field ID: **HABOC0013_LakeBurkett**

Collected By: **RENK**

Field Report Prepared By: **RENK**

Sampling Agency: **Orange EPD**

Comments: **WATER SKI BOAT BUZZING ME THE ENTIRETY OF SYMGE: 2298556 SAMPLING**

Coordinates: **28.610256, -81.268014**

Collection Equip: **Sample bottles, syringe**

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 (PPT)
3/1/23	1140	101.0	8.4	24.8	7.1	0.3	3.3	1.7	141	

Bloom Observations

Algal Bloom Observed? ☐ Yes ☒ No

Water Surface ☒ Clear ☐ Scum ☐ Globs ☐ 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 76647939** Exp: **1/17/2024**

Filtered Nutrients (P125mL)

☒ W-PO4-F ☒ Field Filtered 0.45µm Filter ☐ Ice

Filter Lot # **17413308**

Quantitative Algae

☐ DTY-QN-C / PKD-QN-C ☐ Ice Lugols? Y / N

Relinquished By: **RENK** Date/Time: **3/1/2023 14:05** Number of Coolers Shipped: **1** Received By: Date/Time: