

Volusia County

Effective Date: 12/17/2019
Revision Date: 12/16/2019
Revision Author: C. Swanson

AB-FIELD-1.0



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

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

RQ - 2021 -	10-18-57	Collected By:	Terry Riordan, Liz Bates	
Customer:	WQAP	Field Report Prepared By:	Liz Bates	
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN - CEROC	
Field ID: HABCE0091_LakeLorraine		Comments: water very turbid		
Win ID: HABCE0091		Coordinates: 28.880922, -81.224442		
Lake Lorraine - West		Collection Equip: sample bottles, syringe		
WIN ID: HABCE0091		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)
11/1/21	13:45	106.1	9.01	23.5	8.49	0.3	0.9	0.5	290.8	0.14

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	☒ Ice		1	B
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: SA1105060	Exp: 4/30/22			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter Filter Lot #: 17135566	☒ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Bates	11/1/21 16:00	1		

LIMS EVENT ID: WQAP-2021-11-02-01

WIN Import ID: 30091

Enter Field Parameters, Verify Station ID in LIMS DMT:

KWM 11/23/21

QC Station ID, Field Parameters in LIMS DMT:

EB 12/6/21

KWM 12/17/21

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

KWM 12/17/21

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)