

Tracking # 5225 5549 3018

Effective Date: 12/7/2019
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 - 2022-08-29-45		Collected By:	TT							
Customer:	WQAP	Field Report Prepared By:	TT							
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN Orange EPD							
Field ID: HABOC0009_LakeSpeer1 Win ID: HABOC0009 Lake Speer - NW Lobe		Comments: Syringe lot # 2090604 Coordinates: 28.483104, -81.602176 Collection Equip: Sample bottles, Field Meter 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)
8/31/22	1000	73.5	5.5	30.7	6.4	0.3	1.8	0.7	755 224 8/31/22	N/A
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 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: 0000186983 Exp: Oct 2022								
Filtered Nutrients (P125mL)		☒ W-PO4-F				☒ Field Filtered 0.45µm Filter		☒ 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		
Tina Tooe		8/31/22		1						

LIMS EVENT ID: WQAP-2022-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Integrate Data to WIN:

Verify Data in WIN:

Date of Request: 18-AUG-2022
 Created By: BEARDEN_M On: 18-AUG-2022
 Modified By: JASROTIA_P On: 19-AUG-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District:
 Event Description: Algal Bloom Response - Orange Co

Lake
Speer

Priority: 1
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: JASROTIA_P On: 19-AUG-2022
 Biology Request Reviewed By: JASROTIA_P On: 19-AUG-2022
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 01-SEP-2022
 Logged In By:

Send Coolers To:

Phone: 407-897-4123
 3319 Maguire Blvd

 Orlando, FL 32803
 Attn: Matthew Bearden - FDEP
 Cooler Ship EMail: matthew.bearden@dep.state.fl.us

Send Final Report To:

3319 Maguire Blvd

 Orlando, FL 32083
 Attn: Matthew Bearden
 Report Notification EMail:
 matthew.bearden@dep.state.fl.us; victoria.schwartz@floridadep.gov

Comments: Bottle Group A – Priority 1
 For algal dominant taxon

 Bottle Group B – Priority 1
 For toxin testing, nutrients, chlorophyll

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Please print two copies of algal job labels at login.

Bottle Group A (Biological) With 1 Samples:

Bottle Type: PT-50ML Number of Bottles: 1 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample
 *Dominant sample taxon

Bottle Group B (Water) With 1 Samples:

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Chlorophyll-a, Corrected
 Chlorophyll-a, Uncorrected
 Phaeophytin-a

Bottle Type: P-125ML Number of Bottles: 1 Preserved With: ICE
 W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
 Cylindrospermopsin
 Desmethyl microcystin LR
 Microcystin H1LR
 Microcystin HtyR
 Microcystin LA
 Microcystin LF
 Microcystin LR
 Microcystin LW
 Microcystin LY

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Microcystin RR		
Microcystin WR		
Microcystin YR		
Nodularin-R		
W-SAXTN-MS	Template:	(EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS
Anatoxin-a		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P		

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.