



Cyanobacteria Bloom Response Field

Location: Cypress Lake Boat Ramp at NW Shore

WIN ID / Field ID:

HAB_121619_CypressRamp

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

RQ - 2019-10-14-56		Collected By: <i>rwk</i> Robert Renk								
Customer: <i>WQAP/BLOOM-RESP</i>	Field Report Prepared By: <i>rwk</i> Robert Renk / Mike Linger									
Project ID: <i>BLOOM-RESP</i>	Sampling Agency: <i>OC</i> Orange County EPD									
Location: <i>28.481693, -81.569127</i> Cypress Lake Boat Ramp at NW shore Field ID: <i>MKL</i> <i>SITE: 1</i> HAB - 121619 - Cypress Ramp WIN ID: <i>HAB-121619-CypressRamp</i>		Comments: ☒ Algae sample not preserved with Lugols. Coordinates: <i>28.481693, -81.569127</i> Collection Equip: <i>none (Bottle grab)</i> High Tide Time: <i>---</i> Low Tide Time: <i>---</i>								
Matrix: <i>Fresh</i>	<i>Grab</i>	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)	Cond. (µmho/cm)	Salinity (PPT)
<i>12/16/19</i>	<i>0934</i>	<i>86.4</i>	<i>7.8</i>	<i>20.9</i>	<i>8.1</i>	<i>0.2</i>	<i>0.3</i>	<i>1013</i>	<i>278</i>	<i>0.11</i>
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: <i>---</i> ☐ N/A										
Algae Distribution ☒ Suspended in water column ☐ On surface ☐ Other: <i>---</i> ☐ N/A										
Water Odors ☒ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☐ Other: <i>---</i>										
Parameter Suite	Parameter Methods		Preservation		pH Check	#Bottles Sent to Lab	Bottle Group			
Bloom ID (PT-50mL)	☒ BLOOM-ID		☒ Ice			<i>1</i>	<i>A</i>			
Chlorophyll (BP-1L)	☒ CHLSUITE-W		☒ Ice			<i>1</i>	<i>B</i>			
Toxins (BG-WD250)	☒ W-MCYST-AA		☒ Ice			<i>1</i>	<i>B</i>			
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice	☒ H2SO4	☒ <2	<i>1</i>	<i>B</i>			
Acid Lot: <i>SA9203100</i>		Exp: <i>7/22/20</i>								
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter		☒ Ice		<i>1</i>	<i>B</i>			
Filter Lot# <i>16930280</i>										
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C		☒ Ice	☐ Lugols		<i>1</i>	<i>C</i>			
Relinquished By: <i>Mike Linger</i>	Date/Time: <i>12/16/19-1200</i>	Number of Coolers Shipped: <i>1</i>		Received By:		Date/Time:				

EVENT ID: WQAP-2019-12-17-02

LB LIMS 01/21/2020



Cyanobacteria Bloom Response Field

Location: Cypress Lake at NW of Center

WIN ID / Field ID:

HAB_121619_CypressCenter

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

RQ- 2019-10-14-56		Collected By: RWR Robert Renk	
Customer: WQAP/BLOOM-RESP	Field Report Prepared By: RWR Robert Renk / Mike Linger		
Project ID: BLOOM-RESP	Sampling Agency: OC Orange County EPD		
Location: 28 4813, -81.5673 MKL Cypress Lake at Center NW of Center		Comments: ☒ Algae sample not preserved with Lugols.	
Field ID: SITE-2 MKL	Coordinates: 28.4813, -81.5673		
HAB-121619-CypressCenter	Collection Equip: None (Bottle Grab)		
WIN ID: HAB-121619-CypressCenter	High Tide Time: — Low Tide Time: —		
Matrix: Fresh	(Grab)	Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A	

Date	Time ☒ WEST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Cond. (µmho/cm)	Salinity (PPT)
12/16/19	0950	8.1 89.7	89.7 8.1	20.5	8.1	0.5	7.9	1.8	225	0.11

Bloom Observations

Algal Bloom Observed?	☒ Yes	☐ No
Water Surface	☒ Clear	☐ Scum
Water Clarity	☐ Clear	☒ Slightly Turbid
Bloom Color	☒ Green	☐ Red
Algae Distribution	☒ Suspended in water column	☐ On surface
Water Odors	☒ Normal	☐ Sewage
	☐ Globes	☐ Slick
	☐ Turbid	☐ Opaque
	☐ Brown	☐ Other: _____
	☐ On surface	☐ Other: _____
	☐ Petroleum	☐ Chemical
	☐ Other: _____	☐ N/A

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
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice		
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice ☐ Lugols		1	C
Refrigerated By: Mike Linger	Date/Time: 12/16/19 1600	Number of Coolers Shipped: 1	Received By:	Date/Time:	

EVENT ID: WQAP-2019-12-17-02

LB LIMS 01/21/2020