



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

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

RQ-2022-11-14-59		Collected By: <i>RENK</i>								
Customer: WQAP	Field Report Prepared By: <i>RENK</i>									
Project ID: BLOOM-RESP	Sampling Agency: 21FLCEN - <i>Orange County EPD</i>									
Field ID: HABOC0009_LakeSpeer1		Comments:								
Win ID: HABOC0009		<i>Syringe lot # 2090604</i>								
Lake Speer - NW Lobe		Coordinates: <i>28.483104, -81.602176</i>								
WIN ID: <i>HABOC0009</i>		Collection Equip: <i>Sample bottles, syringe</i>								
Matrix: <i>Fresh</i>		High Tide Time: —	Low Tide Time: —							
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)
<i>11/16/22</i>	<i>1350</i>	<i>81.6</i>	<i>6.9</i>	<i>23.3</i>	<i>6.4</i>	<i>0.3</i>	<i>1.1</i>	<i>1.15</i>	<i>195</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: _____		☐ 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		<i>1</i>	<i>A</i>					
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		<i>1</i>	<i>B</i>					
Toxins (BG-WD250)	☒ W-MCYST-AA <i>W-SAXTN-MS</i>	☒ Ice		<i>1</i>	<i>B</i>					
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4 ☐ <2		<i>1</i>	<i>B</i>					
Preserved Nutrients (500mL HDPE)	Acid Lot: <i>SA2229010</i>	Exp: <i>8/30/23</i>								
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	<i>1</i>	<i>B</i>					
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N							
Relinquished By: <i>RENK</i>	Date/Time: <i>11-16-22 1610</i>	Number of Coolers Shipped: <i>1</i>	Received By:	Date/Time:						