



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

RQ - 2021-05-03-78		Collected By: Jason Hust								
Customer: FDEP	Field Report Prepared By: Jason Hust									
Project ID: Bloom Response	Sampling Agency: SWFWMD									
Location: Lake Panasoffkee South Side		Comments: Small blue/green flocculent throughout water column. Partly cloudy, 90 degrees F, SW winds @ 4 mph.								
WIN/Field ID: HAB-SW-0034		Coordinates: 28.771011 -82.108355								
Site Name: Lake Panasoffkee South Side		Collection Equip: Bottles - Direct Grab								
Matrix: Fresh		High Tide Time: N/A Low Tide Time: N/A								
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)
5/5/2021	14:00	131.8	10.89	29.2	8.34	0.5	1.82	1.5	353	0.17
5/5/2021	14:02	70.9	5.86	25.6	7.38	1.6	1.82	1.5	335	0.16
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			
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice	☒ H2SO4	☒ <2	1	B			
	Acid Lot:	SA9354050	Exp:	12/20/2020						
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice	1	B			
			Filter Lot # 201101YYC6			1	C			
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C		☒ Ice	Lugols? Y / N		1	C			
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:	Date/Time					