



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

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

RQ - 2021-03-22-40		Collected By: Sabrina Fischer; Andrew Luening								
Customer: WQAP		Field Report Prepared By: Andrew Luening								
Project ID: HAB-Resp		Sampling Agency: SEROC								
Location: Palmdale Marina		Comments: Extreme Event!; Thick Scum Layer; Multi-Colored; Hazardous								
Field ID: 5E/HAB0022		Coordinates: 26.82526631, -80.66786383								
WIN ID:		Collection Equip:								
Matrix: Fresh		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)
04/26/2021	1545	66.9	5.16	28.8	8.01	0.3	2.8		383.0	0.18
		12.4	1.00	26.4	7.29	2.8			398.1	0.19
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: Ozone										
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:				Exp:					
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	1	B	
Relinquished By:	Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
FDEP	04/26/2021 1700		1							