



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

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

RQ - 2021-05-03-64		Collected By: Drew Liddick; Andrew Luvring										
Customer: WQAP	Field Report Prepared By: Drew Liddick											
Project ID: HAB-Resp	Sampling Agency: SEROL											
Location: Palmdale Marina (central ramp launch dock)		Comments: Extreme Event!; 1/3 of Marina still covered in scum; clean-up teams present & active Hazardous										
Field ID: SEHAB0027	Coordinates: 26.82526631; -80.66786383											
WIN ID:		Collection Equip:										
Matrix: Fresh	Grab	High Tide Time:	Low Tide Time:									
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)		
05/03/2021	1145	68.3	5.27	28.5	7.77	0.3	2.8	0.4	382.7	0.18		
	1144	3.3	0.29	27.1	6.64	2.3			443.7	0.21		
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: 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							
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C		☒ Ice		Lugols? Y / N							
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time						
FDEP	05/03/2021	1										
1600												