



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		High Tide Time:									
Grab		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				
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	05/03/2021 1600	1									