

Cyanobacteria Bloom Response Field Data Sheet [2019-11-26 v3]

RQ- 2019-11-25-32		Collected By: KW GS CH MC									
Customer: DEP		Field Report Prepared By: MC									
Project ID: Bloom Response		Sampling Agency: FDEP SROC									
Field ID: SDHAB-12102019-001		Comments: protein slick on surface									
Site Name: Marine Town Hancock Creek		Collection Equipment: Pole									
Matrix: Marine		Coordinates: (Grab)									
Tide: ☐ Rising ☐ Falling ☐ Slack ☐ N/A		High Tide Time: Low Tide Time:									
Water Quality											
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)	
12/10/2019	0830	6.31	77.2	21.8	7.22	0.3	20510	12.28	0.9	0.9 (s)	
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: none											
Algae Distribution ☐ Suspended in water column ☐ On surface ☒ Other: none											
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	
		Lot SA8274050		Exp: 10/1/19 reart.				☐ <2			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter			☐ Ice		1	B	
Quantitative Algae		☒ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols			1	C	
Relinquished By: Miranda Carroll		Date/Time: 12/10/19		Number of Coolers Shipped: 1			Received By:		Date/Time:		

SULFURIC

THERMO FISHER SCIENTIFIC
520 NORTH MAIN STREET
TULSA, OK 74104

 $1:1:\text{H}_2\text{SO}_4$

Spillages: Wash
room or in a
gloves/protective
1. Wash contaminated
2. Rinse mouth. Do
not: Remove/Take off
3. Rinse skin with
4. Get to fresh air and
for breathing. IF IN
several minutes.
5. Easy to do. Continue
6. Resistant

Contains 11 H2S04
 Lot No. SA8274050
 Expires 10/01/19
 See Safety Data Sheet (SDS)