

Growth Rates and Microcystin estimates

Town Beach																		
Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate	Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate			Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate		
									Log PC	Log MC	MC (log L-1)					Log PC	Log MC	MC (log L-1)
6/1/2022	<50				6/15/2022	WUW		18.13	1.258398	1.083675	0.022125	6/15/2022	BFC	1554		3.191451014	2.119599	0.131704
6/15/2022	<50	4.02			6/21/2022	WUW		0.55	-0.25964	0.27016	0.001863	6/21/2022	BFC	70		1.84609804	1.980888	0.025009
6/15/2022	<50	0.32										6/15/2022	Grab	1788		3.252368	2.152244	0.141985
												6/21/2022						

Deep 1

Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate	Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate			Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate		
									Log PC	Log MC	MC (log L-1)					Log PC	Log MC	MC (log L-1)
6/1/2022	<50				6/1/2022							6/1/2022						
6/15/2022	<50	2.89			6/15/2022	WUW		5.81	0.764176	0.818832	0.006589	6/15/2022	BFC	3046		2.767675224	1.892497	0.078072
												6/15/2022	BFC	585.7		0.133421		
												6/21/2022	BFC	28.13				
												6/15/2022	Grab					

Deep 2

Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate	Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate			Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate		
									Log PC	Log MC	MC (log L-1)					Log PC	Log MC	MC (log L-1)
6/1/2022	<50				6/1/2022							6/1/2022						
6/15/2022	<50	1.64			6/15/2022	WUW		9.68	0.985875	0.897631	0.008662	6/15/2022	BFC	1882		0.164896	3.225825991	2.118802
												6/15/2022	Grab					

Thoreau's Cove

Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate	Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate			Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate		
									Log PC	Log MC	MC (log L-1)					Log PC	Log MC	MC (log L-1)
6/1/2022	<50				6/1/2022	WUW						6/1/2022						
6/15/2022	<50				6/15/2022	WUW						6/15/2022	BFC	310.2				
												6/15/2022	BFC	1064		0.122232	3.020494528	2.031438
												6/15/2022	Grab					

Sachem's Cove

Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate	Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate			Dates	Sample Type	PC (log L-1)	Growth rate	MC estimate		
									Log PC	Log MC	MC (log L-1)					Log PC	Log MC	MC (log L-1)
6/1/2022	<50				6/1/2022	WUW						6/1/2022						
6/15/2022	<50	1.63			6/15/2022	WUW		14.14	1.150449	1.025826	0.010613	6/15/2022	BFC	2223		3.346939463	2.202925	0.15956
												6/15/2022	Grab					

Legend:
WUW Whole Lake Water
BFC Bloom Forming Colony
PC Phycocyanin
MC Microcystin