

MC estimate						
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	<50					
6/15/2022	<50	4.02				
6/21/2022	<50	0.32				
6/28/2022	<50	3.53				

MC estimate						
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	<50					
6/15/2022	<50	2.39				
6/28/2022	<50	2.38				

MC estimate						
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	<50					
6/15/2022	<50	1.64				
6/28/2022	<50	1.46				

MC estimate						
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	<50	1.69				
6/15/2022	<50					
6/28/2022	<50	1.69				

MC estimate						
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	<50					
6/15/2022	<50	1.63				

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Composition & Dominance,

				MC estimate		
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/15/2022	WLW	18.13		1.258398	1.083675	0.012125
6/21/2022	WLW	0.55		-0.25964	0.27016	0.001863
6/28/2022	WLW	8.15		0.911158	2.387009	0.243786

				MC estimate		
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022						
6/15/2022	WLW	5.81		0.764176	0.818822	0.006589
6/28/2022	WLW	1.69		0.227887	1.602614	0.040051

				MC estimate		
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	WLW					
6/15/2022	WLW	9.68		0.985875	0.937631	0.008662
6/28/2022	WLW	1.23		0.089905	1.444211	0.027811

				MC estimate		
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	WLW	1.23				
6/15/2022	WLW					
6/28/2022	WLW	2.84		0.453318	1.861409	0.072679

				MC estimate		
Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
6/1/2022	WLW					
6/15/2022	WLW	14.14		1.150449	1.025826	0.010613

Growth Rates and Microcystin estimates

Town Beach

					MC estimate	
Dates	Composition & Dominance	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC
6/15/2022	Dolichospermum (100%)	BFC	1554		3.191451	2.119599
6/21/2022	Dolichospermum (100%)	BFC	70		1.845098	1.398088
6/28/2022	Microcystis (95%)	BFC	140.15		2.146593	3.805289

Deep 1

					MC estimate	
Dates		Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC
6/1/2022	Dolichospermum (100%)	BFC	90.46			
6/15/2022	Dolichospermum (100%)	BFC	585.7	0.133421	2.767675	1.892497
6/21/2022	Dolichospermum (100%)	BFC	28.13			
6/28/2022	Microcystis (95%)	BFC	61.16		1.786467	3.391865

Deep 2

					MC estimate	
Dates		Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC
6/1/2022	Dolichospermum (100%)	BFC	167.2			
6/15/2022	Dolichospermum (100%)	BFC	1682	0.164896	3.225826	2.13802
6/28/2022	Microcystis (95%)	BFC	26.97		1.430881	2.983651

Thoreau's Cove

					MC estimate	
Dates		Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC
6/1/2022	Dolichospermum (100%)	BFC	192.2			
6/15/2022	Dolichospermum (100%)	BFC	1064	0.122232	3.026942	2.031438
6/28/2022	Microcystis (95%)	BFC	49.76		1.69688	3.289019

Sachems Cove

					MC estimate	
Dates		Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC
6/1/2022	Dolichospermum (100%)	BFC				
6/15/2022	Dolichospermum (100%)	BFC	2223		3.346939	2.202925

					MC estimate		
MC (ug L-1)	Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
0.131704	6/15/2022	Grab	1788		3.252368	2.152244	0.141985
0.025009	6/21/2022						
6.386882	6/28/2022						

					MC estimate		
MC (ug L-1)	Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
0.078072	6/1/2022						
	6/15/2022	Grab					
2.465271							

					MC estimate		
MC (ug L-1)	Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
0.137411	6/1/2022						
0.963056	6/15/2022	Grab					

					MC estimate		
MC (ug L-1)	Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
0.107507	6/1/2022						
	6/15/2022	Grab					
1.945444							

					MC estimate		
MC (ug L-1)	Dates	Sample Type	PC (ug L-1)	Growth rate	Log PC	Log MC	MC (ug L-1)
0.15956	6/1/2022						
	6/15/2022	Grab					

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