FILTERING DATA SHEET FOR MESOCOSMS

Date: 21 June 2012 Processing Crew: Beth, Venn, Graham, Dan

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments	500ml	NA	freezer	
1	>1.2um fraction Ag	not sampled			
1	BP CN (same vol. both filters)	330 ml	NA	oven	may be too little
1	BP P (same vol. both filters)	330 ml	NA	oven	
1	BP Chl (same vol. both filters)	350 ml	NA	freezer	
1	BP DNA	Not Sampled			
1	BP Ag	400 ml	5.0mL	fridge	
1	Seston CN (same vol. both filters)	400ml	NA	oven	
1	Seston P (same vol. both filters)	400ml	NA	oven	
1	Seston Chl (same vol both filters)	400ml	NA	freezer	
1	Seston Ag	200ml	5.0mL	fridge	Skad - very
2	Pigments	500mL	NA	Freezer	
2	>1.2um fraction Ag	Not Sampled			
2	BP CN (same vol. both filters)	400 ml	NA	oven	can see stuff on the filter
2	BP P (same vol. both filters)	400mls	NA	oven	
2	BP Chl (same vol. both filters)	300 ml	NA	freezer	
2	BP DNA	not sampled			
2	BP Ag	400ml	5.0mL	fridge	
2	Seston CN (same vol. both filters)	400mL	NA	oven	
2	Seston P (same vol. both filters)	400mL	NA	oven	
2	Seston Chl (same vol both filters)	400ml	NA	freezer	
2	Seston Ag	150mL	5.0mL	fridge	has 2 filters

↳ each filter got 150mls for 300ml total.

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
3	Pigments	500mL	NA	Freezer	
3	>1.2um fraction Ag	not sampled			
3	BP CN (same vol. both filters)	400 ml	NA	oven	
3	BP P (same vol. both filters)	400 ml	NA	oven	
3	BP Chl (same vol. both filters)	300ml	NA	freezer	
3	BP DNA	not sampled			
3	BP Ag	420ml	5.0mL	fridge	
3	Seston CN (same vol. both filters)	400mL	NA	oven	
3	Seston P (same vol. both filters)	400mL	NA	oven	
3	Seston Chl (same vol both filters)	400mL	NA	freezer	
3	Seston Ag	130mL	5.0mL	fridge	
4	Pigments	500mL	NA	Freezer	
4	>1.2um fraction Ag	not sampled			
4	BP CN (same vol. both filters)	400ml	NA	oven	
4	BP P (same vol. both filters)	400 ml	NA	oven	
4	BP Chl (same vol. both filters)	300 ml	NA	freezer	
4	BP DNA	not sampled			
4	BP Ag	400ml	5.0mL	fridge	
4	Seston CN (same vol. both filters)	400mL	NA	oven	
4	Seston P (same vol. both filters)	400	NA	oven	
4	Seston Chl (same vol both filters)	400	NA	freezer	
4	Seston Ag	130	5 ml	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
5	Pigments	500mL	NA	Freezer	
5	>1.2um fraction Ag	not sampled			
5	BP CN (same vol. both filters)	400ml	NA	oven	
5	BP P (same vol. both filters)	400ml	NA	oven	
5	BP Chl (same vol. both filters)	400ml	NA	freezer	
5	BP DNA	not sampled			
5	BP Ag	400 ml	5.0mL	fridge	
5	Seston CN (same vol. both filters)	400mL	NA	oven	
5	Seston P (same vol. both filters)	400mL	NA	oven	
5	Seston Chl (same vol both filters)	400mL	NA	freezer	
5	Seston Ag	130ml	5 ml	fridge	
6	Pigments	500mL	NA	Freezer	
6	>1.2um fraction Ag	not sampled			
6	BP CN (same vol. both filters)	400 ml	NA	oven	
6	BP P (same vol. both filters)	400ml	NA	oven	
6	BP Chl (same vol. both filters)	400 ml	NA	freezer	
6	BP DNA	not sampled	5.0mL		
6	BP Ag	400ml	5.0mL	fridge	
6	Seston CN (same vol. both filters)	400ml (500)	NA	oven	one filter got 500 mls (notched).
6	Seston P (same vol. both filters)	400 ml	NA	oven	
6	Seston Chl (same vol both filters)	~~400~~ 350 ml	NA	freezer	
6	Seston Ag	130 ml	5 ml	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
7	Pigments	500mL	NA	Freezer	
7	>1.2um fraction Ag	not sampled			
7	BP CN (same vol. both filters)	400 ml	NA	oven	
7	BP P (same vol. both filters)	400ml	NA	oven	
7	BP Chl (same vol. both filters)	400ml	NA	freezer	
7	BP DNA	not sampled			
7	BP Ag	400ml	5.0mL	fridge	
7	Seston CN (same vol. both filters)	~~350mL 400ml~~	NA	oven	
7	Seston P (same vol. both filters)	350 ml	NA	oven	
7	Seston Chl (same vol both filters)	350 ml	NA	freezer	
7	Seston Ag	130mL	5mls	fridge	
8	Pigments	500ml	NA	Freezer	
8	>1.2um fraction Ag	not sampled			
8	BP CN (same vol. both filters)	400ml	NA	oven	
8	BP P (same vol. both filters)	400ml	NA	oven	
8	BP Chl (same vol. both filters)	300ml	NA	freezer	
8	BP DNA	not sampled			
8	BP Ag	400mL	5.0mL	fridge	
8	Seston CN (same vol. both filters)	350 ml	NA	oven	
8	Seston P (same vol. both filters)	350ml	NA	oven	
8	Seston Chl (same vol both filters)	350 ml	NA	freezer	
8	Seston Ag	130mL	5 ml	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
9	Pigments	500mL	NA	Freezer	
9	>1.2um fraction Ag	not sampled			
9	BP CN (same vol. both filters)	400 ml	NA	oven	
9	BP P (same vol. both filters)	400 ml	NA	oven	
9	BP Chl (same vol. both filters)	400 ml	NA	freezer	
9	BP DNA	not sampled			
9	BP Ag	400 ml	5.0mL	fridge	
9	Seston CN (same vol. both filters)	350ml	NA	oven	
9	Seston P (same vol. both filters)	350 ml	NA	oven	
9	Seston Chl (same vol both filters)	350 ml	NA	freezer	
9	Seston Ag	130 ml	5 ml	fridge	
10	Pigments	500mL	NA	Freezer	
10	>1.2um fraction Ag	not sampled			
10	BP CN (same vol. both filters)	400 ml	NA	oven	
10	BP P (same vol. both filters)	400 ml	NA	oven	
10	BP Chl (same vol. both filters)	400 ml	NA	freezer	
10	BP DNA	not sampled			
10	BP Ag	340ml	5.0mL	fridge	
10	Seston CN (same vol. both filters)	350 ml	NA	oven	
10	Seston P (same vol. both filters)	350 ml	NA	oven	
10	Seston Chl (same vol both filters)	350ml	NA	freezer	
10	Seston Ag	130ml	5 ml	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
11	Pigments	500mL	NA	Freezer	
11	>1.2um fraction Ag	not sampled			
11	BP CN (same vol. both filters)	400	NA	oven	
11	BP P (same vol. both filters)	400	NA	oven	
11	BP Chl (same vol. both filters)	400	NA	freezer	
11	BP DNA	not sampled			
11	BP Ag	400	5 mL	fridge	
11	Seston CN (same vol. both filters)	350 mL	NA	oven	
11	Seston P (same vol. both filters)	350mL	NA	oven	
11	Seston Chl (same vol both filters)	350 mL	NA	freezer	
11	Seston Ag	130 mL	5mL	fridge	
12	Pigments	500mL	NA	Freezer	
12	>1.2um fraction Ag	not sampled			
12	BP CN (same vol. both filters)	400	NA	oven	
12	BP P (same vol. both filters)	400	NA	oven	
12	BP Chl (same vol. both filters)	400	NA	freezer	
12	BP DNA	not sampled			
12	BP Ag	400	5 mL	fridge	
12	Seston CN (same vol. both filters)	350mL	NA	oven	
12	Seston P (same vol. both filters)	350 mL	NA	oven	
12	Seston Chl (same vol both filters)	350	NA	freezer	
12	Seston Ag	130mL	5mL	fridge	

some labels say 26 June 2012 - all taken 27th

FILTERING DATA SHEET FOR MESOCOSMS

Date: 27 June 2012 Processing Crew: Beth, Graham, Jen, Dan, Jill

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments	520mL	NA	Freezer	
1	>1.2um fraction Ag	1.5L	5mL	Fridge	
1	BP CN (same vol. both filters)	400	NA	oven	
1	BP P (same vol. both filters)	400	NA	oven	
1	BP Chl (same vol. both filters)	400	NA	freezer	
1	BP DNA 1.2-0.2 Ag	200 / ~~400~~ 100 mls	N/A	freezer/fridge	~~Same vol A filtered for Ag~~ Ag VERY slow!
1	BP Ag	400	5mL	~~N. HNO3 acid~~ fridge	
1	Seston CN (same vol. both filters)	400	NA	oven	
1	Seston P (same vol. both filters)	400	NA	oven	
1	Seston Chl (same vol both filters)	400	NA	freezer	
1	Seston Ag	130	5mL	Fridge	
2	Pigments	320mL	NA	freezer	
2	>1.2um fraction Ag	1.5L	5mL	Fridge	
2	BP CN (same vol. both filters)	400	NA	oven	
2	BP P (same vol. both filters)	400	NA	oven	
2	BP Chl (same vol. both filters)	400	NA	freezer	
2	BP DNA 1.2-0.2 Ag	100 / ~~400~~ 50 mls	NA	freezer/fridge	
2	BP Ag	400	5mL	@ Fridge	
2	Seston CN (same vol. both filters)	400	NA	oven	
2	Seston P (same vol. both filters)	400	NA	Oven	
2	Seston Chl (same vol both filters)	400	NA	freezer	
2	Seston Ag	130	5mL	Fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
3	Pigments	500	NA	freezer	
3	>1.2um fraction Ag	1.5L			DID NOT
3	BP CN (same vol. both filters)	400	NA	oven	
3	BP P (same vol. both filters)	400	NA	oven	SAMPLE
3	BP Chl (same vol. both filters)	400	NA	freezer	
3	BP DNA	~~100~~			
3	BP Ag	400			
3	Seston CN (same vol. both filters)	400	NA	oven	
3	Seston P (same vol. both filters)	400	NA	oven	
3	Seston Chl (same vol both filters)	400	NA	freezer	
3	Seston Ag	130			
4	Pigments	500mL	NA	freezer	
4	>1.2um fraction Ag	1.5L	5mL	fridge	
4	BP CN (same vol. both filters)	400	NA	oven	
4	BP P (same vol. both filters)	400	NA	oven	
4	BP Chl (same vol. both filters)	400	NA	freezer	
4	BP DNA / 1.2-0.2 Ag	100 / ~~100~~	5mls	freezer / fridge	
4	BP Ag	400	5mL	fridge	
4	Seston CN (same vol. both filters)	400	NA	oven	
4	Seston P (same vol. both filters)	400	NA	oven	
4	Seston Chl (same vol both filters)	400	NA	freezer	
4	Seston Ag	130	5mL	fridge.	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
5	Pigments	500mL	NA	freezer	
5	>1.2um fraction Ag	1.5L	5mL	Fridge	
5	BP CN (same vol. both filters)	400	NA	oven	
5	BP P (same vol. both filters)	400	NA	oven	
5	BP Chl (same vol. both filters)	400	NA	freezer	
5	BP DNA 1.2-0.2 Ag	100/	55 ml	freezer/fridge	very slow
5	BP Ag	400	5mL	Fridge	
5	Seston CN (same vol. both filters)	400	NA	oven	
5	Seston P (same vol. both filters)	400	NA	oven	
5	Seston Chl (same vol both filters)	400	NA	freezer	
5	Seston Ag	130	5mL	Fridge	
6	Pigments	500mL	NA	freezer	
6	>1.2um fraction Ag	1.5L	5mL	fridge	
6	BP CN (same vol. both filters)	400	NA	oven	
6	BP P (same vol. both filters)	400	NA	oven	
6	BP Chl (same vol. both filters)	400	NA	freezer	
6	BP DNA 1.2-0.2 Ag	100/	52mls	freezer/fridge	
6	BP Ag	400	5mL	Fridge	
6	Seston CN (same vol. both filters)	400	NA	oven	
6	Seston P (same vol. both filters)	400	NA	oven	
6	Seston Chl (same vol both filters)	400	NA	freezer	
6	Seston Ag	130	5mL	Fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: June 27 2012 Processing Crew: Graham + Jillian

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
7	Pigments	520mL	NA	freezer	
7	>1.2um fraction Ag	1.5L	5mL	fridge	
7	BP CN (same vol. both filters)	400	NA	oven	
7	BP P (same vol. both filters)	400	NA	oven	
7	BP Chl (same vol. both filters)	400	NA	freezer	
7	BP DNA / 1.2-0.7 Ag	200 / ~~400~~	62mls	freezer/fridge	
7	BP Ag	400	5mL	fridge	
7	Seston CN (same vol. both filters)	400mL	NA	oven	
7	Seston P (same vol. both filters)	400mL	NA	oven	
7	Seston Chl (same vol both filters)	400mL	NA	freezer	
7	Seston Ag	130mL	5mL	fridge	
8	Pigments	500mL	NA	freezer	
8	>1.2um fraction Ag	1.5L	5mL	fridge	
8	BP CN (same vol. both filters)	400	NA	oven	
8	BP P (same vol. both filters)	400	NA	oven	
8	BP Chl (same vol. both filters)	400	NA	freezer	
8	BP DNA / 1.2-0.7 Ag	100 / ~~400~~	55mls	freezer/fridge	
8	BP Ag	400	5mL	fridge	
8	Seston CN (same vol. both filters)	400mL	NA	oven	
8	Seston P (same vol. both filters)	400mL	NA	oven	
8	Seston Chl (same vol both filters)	400mL	NA	freezer	
8	Seston Ag	130mL	5mL	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
9	Pigments	500mL	NA	freezer	
9	>1.2um fraction Ag	1.5L			DID NOT
9	BP CN (same vol. both filters)		NA	oven	
9	BP P (same vol. both filters)		NA	oven	SAMPLE
9	BP Chl (same vol. both filters)		NA	freezer	
9	BP DNA				
9	BP Ag				
9	Seston CN (same vol. both filters)	400	NA	oven	
9	Seston P (same vol. both filters)	400	NA	oven	
9	Seston Chl (same vol both filters)	400	NA	freezer	
9	Seston Ag	130			
10	Pigments	500mL	NA	freezer	
10	>1.2um fraction Ag	1.5L	5ml	fridge	
10	BP CN (same vol. both filters)	400	NA	oven	
10	BP P (same vol. both filters)	400	NA	oven	
10	BP Chl (same vol. both filters)	400	NA	freezer	
10	BP DNA 1.2-0.2 Ag	200/ 54mls		freezer/fridge	
10	BP Ag	400	5mL	Fridge	
10	Seston CN (same vol. both filters)	400	NA	oven	
10	Seston P (same vol. both filters)	400	NA	oven	
10	Seston Chl (same vol both filters)	400	NA	freezer	
10	Seston Ag	130	5mL	Fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
11	Pigments	500	NA	freezer	
11	>1.2um fraction Ag	1.5L	5mL	fridge	
11	BP CN (same vol. both filters)	400	NA	oven	
11	BP P (same vol. both filters)	400	NA	oven	
11	BP Chl (same vol. both filters)	400	NA	freezer	
11	BP DNA / 1.2-0.2 Ag	150/~~100~~	60mls	freezer/fridge	
11	BP Ag	400	5mL	fridge	
11	Seston CN (same vol. both filters)	400	NA	oven	
11	Seston P (same vol. both filters)	400	NA	oven	
11	Seston Chl (same vol both filters)	400	NA	freezer	
11	Seston Ag	130	5mL	fridge	
12	Pigments	500mL	NA	freezer	
2	>1.2um fraction Ag	1.5L	5mL	fridge	
2	BP CN (same vol. both filters)	400	NA	oven	
	BP P (same vol. both filters)	400	NA	oven	
	BP Chl (same vol. both filters)	400	NA	freezer	
	BP DNA / 1.2-0.2 Ag	150/~~100~~	~~40~~ 40mls	freezer/fridge	
	BP Ag	400	5mL	Fridge	
	Seston CN (same vol. both filters)	400	NA	oven	
	Seston P (same vol. both filters)	400	NA	oven	
	Seston Chl (same vol both filters)	400	NA	freezer	
	Seston Ag	130	5mL	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: 04 July 2012 Processing Crew: Dan, Jenn, Jillian, Beth

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments	500mL	NA	Freezer	
1	>1.2um fraction Ag	3000ml	10	fridge	on 2 1.2um filters
1	BP CN (same vol. both filters)	400	NA	oven	
1	BP P (same vol. both filters)	400	NA	oven	
1	BP Chl (same vol. both filters)	400	NA	freezer	
1	BP DNA / 1.2-0.2 Ag	100/100	5	freezer/fridge	
1	BP Ag / 1.2-0.2 Ag	100/130	5	fridge	
1	Seston CN (same vol. both filters)	400mL	NA	oven	
1	Seston P (same vol. both filters)	400mL	NA	oven	
1	Seston Chl (same vol both filters)	400mL	NA	freezer	
1	Seston Ag	130mL	5	fridge	
2	Pigments	500mL	NA	Freezer	
2	>1.2um fraction Ag	3000ml	10	fridge	
2	BP CN (same vol. both filters)	400	NA	oven	
2	BP P (same vol. both filters)	400	NA	oven	
2	BP Chl (same vol. both filters)	400	NA	freezer	
2	BP DNA / 1.2-0.2 Ag	100/100	5	freezer/fridge	
2	BP Ag	130	5	fridge	
2	Seston CN (same vol. both filters)	400	NA	oven	
2	Seston P (same vol. both filters)	400	NA	oven	
2	Seston Chl (same vol both filters)	400	NA	freezer	
2	Seston Ag	130	5	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
3	Pigments		NA		
3	>1.2um fraction Ag				
3	BP CN (same vol. both filters)		NA		
3	BP P (same vol. both filters)		NA		
3	BP Chl (same vol. both filters)		NA		
3	BP DNA				
3	BP Ag				
3	Seston CN (same vol. both filters)		NA		
3	Seston P (same vol. both filters)		NA		
3	Seston Chl (same vol both filters)		NA		
3	Seston Ag				
4	Pigments	500ml	NA	Freezer	
4	>1.2um fraction Ag	3000ml-	10	fridge	
4	BP CN (same vol. both filters)	400	NA	oven	
4	BP P (same vol. both filters)	400	NA	oven	
4	BP Chl (same vol. both filters)	400	NA	freezer	
4	BP DNA / 0.2-0.4 kg	100 / 100	5	freezer/fridge	DNA filter looked to have a piece of debris
4	BP Ag	130	5	fridge	
4	Seston CN (same vol. both filters)	400	NA	oven	
4	Seston P (same vol. both filters)	400	NA	oven	
4	Seston Chl (same vol both filters)	400	NA	freezer	
4	Seston Ag	130	5	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
5	Pigments	500	NA	freezer	
5	>1.2um fraction Ag	3000ml	10	fridge	
5	BP CN (same vol. both filters)	400	NA	oven	
5	BP P (same vol. both filters)	400	NA	oven	
5	BP Chl (same vol. both filters)	400	NA	freezer	
5	BP DNA / 1.2-0.2 Ag	100 / 100	5	freezer / fridge	
5	BP Ag	130	5	fridge	
5	Seston CN (same vol. both filters)	400	NA	oven	
5	Seston P (same vol. both filters)	400	NA	oven	
5	Seston Chl (same vol both filters)	400	NA	freezer	
5	Seston Ag	130	5	fridge	
6	Pigments	500	NA	Freezer	
6	>1.2um fraction Ag	3000	10	fridge	
6	BP CN (same vol. both filters)	400	NA	oven	
6	BP P (same vol. both filters)	400	NA	oven	
6	BP Chl (same vol. both filters)	400	NA	freezer	
6	BP DNA / 1.2-0.2 Ag	100 / 100	5	freezer / fridge	
6	BP Ag	130	5	fridge	
6	Seston CN (same vol. both filters)	400	NA	oven	
6	Seston P (same vol. both filters)	400	NA	oven	
6	Seston Chl (same vol both filters)	400	NA	freezer	
6	Seston Ag	130	5	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
7	Pigments	500mL	NA	Freezer	
7	>1.2um fraction Ag	3000	10	fridge	
7	BP CN (same vol. both filters)	400	NA	oven	
7	BP P (same vol. both filters)	400	NA	oven	
7	BP Chl (same vol. both filters)	400	NA	freezer	
7	BP DNA / 1.2-0.2 Ag	100 / 100	5	freezer/fridge	
7	BP Ag	130	5	fridge	
7	Seston CN (same vol. both filters)	400 mL	NA	oven	
7	Seston P (same vol. both filters)	400mL	NA	oven	
7	Seston Chl (same vol both filters)	400mL	NA	freezer	
7	Seston Ag	130mL	5	fridge	
8	Pigments	800mL	NA	freezer	
8	>1.2um fraction Ag	3000	10	fridge	
8	BP CN (same vol. both filters)	400	NA	oven	
8	BP P (same vol. both filters)	400	NA	oven	
8	BP Chl (same vol. both filters)	400	NA	freezer	
8	BP DNA / 1.2-0.2 Ag	100 / 100	5	freezer/fridge	
8	BP Ag	130	5	fridge	
8	Seston CN (same vol. both filters)	400	NA	oven	
8	Seston P (same vol. both filters)	400	NA	oven	
8	Seston Chl (same vol both filters)	400	NA	freezer	
8	Seston Ag	130	5	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
9	Pigments		NA		
9	>1.2um fraction Ag				
9	BP CN (same vol. both filters)		NA		
9	BP P (same vol. both filters)		NA		
9	BP Chl (same vol. both filters)		NA		
9	BP DNA				
9	BP Ag				
9	Seston CN (same vol. both filters)		NA		
9	Seston P (same vol. both filters)		NA		
9	Seston Chl (same vol both filters)		NA		
9	Seston Ag				
10	Pigments	500ml	NA	Freezer	
10	>1.2um fraction Ag	3000	10	fridge	
10	BP CN (same vol. both filters)	400	NA	oven	
10	BP P (same vol. both filters)	400	NA	oven	
10	BP Chl (same vol. both filters)	400	NA	freezer	
10	BP DNA / 1.2-0.2 Ag	100/100	5	freezer/fridge	
10	BP Ag	130	5	fridge	
10	Seston CN (same vol. both filters)	400	NA	oven	
10	Seston P (same vol. both filters)	400	NA	oven	
10	Seston Chl (same vol both filters)	400	NA	freezer	
10	Seston Ag	130	5	fridge.	

FILTERING DATA SHEET FOR MESOCOSMS

Date: _____ Processing Crew: _____

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
11	Pigments	500mL	NA	freezer	
11	>1.2um fraction Ag	3000	10	fridge	
11	BP CN (same vol. both filters)	400	NA	oven	
11	BP P (same vol. both filters)	400	NA	oven	
11	BP Chl (same vol. both filters)	400	NA	freezer	
11	BP DNA / 1.2-0.2 Ag	100 / 100	5	freezer / fridge	
11	BP Ag	130	5	fridge	
11	Seston CN (same vol. both filters)	400	NA	oven	
11	Seston P (same vol. both filters)	400	NA	oven	
11	Seston Chl (same vol both filters)	400	NA	freezer	
11	Seston Ag	130	5	fridge	
12	Pigments	500mL	NA	Freezer	
12	>1.2um fraction Ag	3000	10	fridge.	
12	BP CN (same vol. both filters)	400	NA	Oven	
12	BP P (same vol. both filters)	400	NA	oven	
12	BP Chl (same vol. both filters)	400	NA	freezer	
12	BP DNA / 1.2-0.2 Ag	100 / 100	5		
12	BP Ag	130	5	fridge	
12	Seston CN (same vol. both filters)	400	NA	oven	
12	Seston P (same vol. both filters)	400	NA	oven	
12	Seston Chl (same vol both filters)	400	NA	freezer	
12	Seston Ag	130	5	fridge	