FILTERING DATA SHEET FOR MESOCOSMS

Date: July 11 2012 Processing Crew: Jenn, Beth, Dan

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments	500mL	NA	Freezer	
1	>1.2um fraction Ag	2 L	10mL	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	100 / 100	5	freezer/fridge	
1	BP Ag	130	5	fridge	
1	Seston CN (same vol. both filters)	~~100~~ 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	5	nitric acid	
2	Pigments	500mL	NA	Freezer	
2	>1.2um fraction Ag	1 L	10mL	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	100/100	5	freezer/fridge	
2	BP Ag / 1.2-0.2 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	500mL	NA	Freezer	
3	>1.2um fraction Ag	1L	10mL	Fridge	
3	BP CN (same vol. both filters)	400	NA	oven	
3	BP P (same vol. both filters)	400	NA	oven	
3	BP Chl (same vol. both filters)	400	NA	freezer	
3	BP DNA / 1-2-0.2 Ag	100 / 100	5	freezer/fridge	
3	BP Ag	130	5	fridge	
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	5	fridge	
4	Pigments	500mL	NA	Freezer	
4	>1.2um fraction Ag	1L	10mL	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~~ 100	5	freezer / fridge	
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	20mL	NA	freezer	
5	>1.2um fraction Ag	1L	10mL	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		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	20mL	NA	Freezer	
6	>1.2um fraction Ag	1L -	10mL	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	~~fridge~~ freezer	
6	Seston Ag	130	~~10~~ 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	1L	10mL	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	NA	~~freez~~ oven	
7	Seston P (same vol. both filters)	400	NA	oven	
7	Seston Chl (same vol both filters)	400	NA	freezer	
7	Seston Ag	130	5	nitric acid	
8	Pigments	500mL	NA	Freezer	
8	>1.2um fraction Ag	1L -	10mL	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	500mL	NA	Freezer	
9	>1.2um fraction Ag	1 L	10mL	Fridge.	
9	BP CN (same vol. both filters)	450	NA	oven	
9	BP P (same vol. both filters)	400	NA	oven	
9	BP Chl (same vol. both filters)	400	NA	freezer	
9	BP DNA / 1.2-0.2 Ag	100 / 100	5	freezer / fridge	
9	BP Ag	130	5	fridge	
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	5	fridge	
10	Pigments	500mL	NA	Freezer	
10	>1.2um fraction Ag	1L -	10mL	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	1L	10mL	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	1L	10mL	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	freezer/fridge	
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	

FILTERING DATA SHEET FOR MESOCOSMS

Date: 18 July 2012 Processing Crew: Jenn, Beth, Dan

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments	500	NA	Freezer	
1	>1.2um fraction Ag	500	10/3 mL	Fridge	one filter
1	BP CN (same vol. both filters)	500	NA	oven	
1	BP P (same vol. both filters)	500	NA	oven	
1	BP Chl (same vol. both filters)	300	NA	freezer	
1	BP DNA / 1.2-0.2 Ag	100/50	5mL	fridge freezer	
1	BP Ag ‡	100	5mL	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	500	NA	freezer	
2	>1.2um fraction Ag	-NOT-	SAVED		
2	BP CN (same vol. both filters)	500	NA	oven	
2	BP P (same vol. both filters)	500	NA	oven	
2	BP Chl (same vol. both filters)	400	NA	freezer	
2	BP DNA / 1.2-0.2 Ag	100/50	5mL	fridge freezer	
2	BP Ag	100	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	NOT	10mL	SALTED	
3	BP CN (same vol. both filters)	500	NA	oven	
3	BP P (same vol. both filters)	500	NA	oven	
3	BP Chl (same vol. both filters)	400	NA	freezer	
3	BP DNA / 1.2-0.2 Ag	100/50	5mL	fridge/freezer	
3	BP Ag	~~100~~ 75	5mL	fridge	ran out of water
3	Seston CN (same vol. both filters)	300	NA	oven	
3	Seston P (same vol. both filters)	300	NA	oven	
3	Seston Chl (same vol both filters)	300	NA	freezer	
3	Seston Ag	130	5mL	fridge	
4	Pigments	500	NA	freezer	
4	>1.2um fraction Ag	200	10mL	fridge	1 filter
4	BP CN (same vol. both filters)	500	NA	oven	
4	BP P (same vol. both filters)	500	NA	oven	
4	BP Chl (same vol. both filters)	400	NA	freezer	
4	BP DNA / 1.2-0.2 Ag	~~100~~ 50/50	5mL	fridge/freezer	
4	BP Ag	100	5mL	fridge	
4	Seston CN (same vol. both filters)	400	NA	oven	one filter mangled but all pieces in fold
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	500	NA	freeze	
5	>1.2um fraction Ag	NOT	10mL	SAVED	
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)	300	NA	freezer	
5	BP DNA/1.2-0.2 Ag	100/20	5mL	fridge/freezer	
5	BP Ag	100	5mL	fridge	
5	Seston CN (same vol. both filters)	300	NA	oven	
5	Seston P (same vol. both filters)	300	NA	oven	
5	Seston Chl (same vol both filters)	300	NA	freezer	
5	Seston Ag	130	5mL	fridge	
6	Pigments	500	NA	freezer	
6	>1.2um fraction Ag	500	10mL	fridge	
6	BP CN (same vol. both filters)	500	NA	oven	
6	BP P (same vol. both filters)	500	NA	oven	
6	BP Chl (same vol. both filters)	400	NA	freezer	
6	BP DNA/1.2-0.2 Ag	100/50	5mL	fridge/freezer	
6	BP Ag	100	5mL	fridge	
6	Seston CN (same vol. both filters)	300	NA	oven	
6	Seston P (same vol. both filters)	300	NA	oven	
6	Seston Chl (same vol both filters)	300	NA	freezer	
6	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
7	Pigments	500	NA	freezer	
7	>1.2um fraction Ag	~~500~~ NOT COLLECTED			1 filter
7	BP CN (same vol. both filters)	500	NA	Oven	
7	BP P (same vol. both filters)	500	NA	oven	
7	BP Chl (same vol. both filters)	400	NA	freezer	
7	BP DNA / 1.2-.2 Ag	100/50	5mL	fridge freezer	
7	BP Ag	130	5mL	fridge	
7	Seston CN (same vol. both filters)	400	NA	Oven	
7	Seston P (same vol. both filters)	400	NA	Oven	
7	Seston Chl (same vol both filters)	400	NA	freezer.	
7	Seston Ag	130	5mL	fridge	
8	Pigments	500	NA	freezer	
8	>1.2um fraction Ag	250	10mL	fridge	one filter
8	BP CN (same vol. both filters)	~~450~~ ~~300~~	NA	oven	
8	BP P (same vol. both filters)	450	NA	Oven	
8	BP Chl (same vol. both filters)	400	NA	freezer	
8	BP DNA / 1.2-.2 Ag	~~100~~ ~~150~~/50	5mL	fridge freezer	
8	BP Ag	130	5mL	fridge	
8	Seston CN (same vol. both filters)	300	NA	Oven	
8	Seston P (same vol. both filters)	300	NA	Oven	
8	Seston Chl (same vol both filters)	300	NA	freezer	
8	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
9	Pigments	500	NA	freezer	
9	>1.2um fraction Ag	- NOT ~~NAL~~		SAVED	
9	BP CN (same vol. both filters)	500	NA	oven	
9	BP P (same vol. both filters)	500	NA	oven	
9	BP Chl (same vol. both filters)	400	NA	freezer	
9	BP DNA / 1.2-0.2 Ag	100 150	5mL	fridge freezer	
9	BP Ag	70	5mL	fridge	
9	Seston CN (same vol. both filters)	300	NA	oven	
9	Seston P (same vol. both filters)	300	NA	oven	
9	Seston Chl (same vol both filters)	300	NA	freezer	
9	Seston Ag	130	5mL	fridge	
10	Pigments	500	NA	freezer	
10	>1.2um fraction Ag	-	10mL	NOT SAVED	
10	BP CN (same vol. both filters)	500	NA	oven	
10	BP P (same vol. both filters)	500	NA	oven	
10	BP Chl (same vol. both filters)	450	NA	freezer	
10	BP DNA / 1.2-0.2 Ag	100 [illegible]50	5mL	fridge freezer	
10	BP Ag	130	5mL	fridge	
10	Seston CN (same vol. both filters)	300	NA	oven	
10	Seston P (same vol. both filters)	300	NA	oven	
10	Seston Chl (same vol both filters)	300	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	500	10mL	fridge	one filter
11	BP CN (same vol. both filters)	500	NA	oven	
11	BP P (same vol. both filters)	500	NA	oven	
11	BP Chl (same vol. both filters)	250	NA	freezer	
11	BP DNA / 1.2-0.2 Ag	100/50	5mL	fridge/freezer	
11	BP Ag	130	5mL	fridge	
11	Seston CN (same vol. both filters)	400	NA	oven	VERY SLOW
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	500	NA	freezer	
12	>1.2um fraction Ag	NOT ~~10mL~~		SAVED	
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)	300	NA	freezer	
12	BP DNA / 1.2-0.2 Ag	100/50	5mL	fridge/freezer	
12	BP Ag	100	5mL	fridge	
12	Seston CN (same vol. both filters)	300	NA	oven	
12	Seston P (same vol. both filters)	300	NA	oven	
12	Seston Chl (same vol both filters)	300	NA	freezer	
12	Seston Ag	130	5mL	fridge	

FILTERING DATA SHEET FOR MESOCOSMS

Date: 25 July -12 Processing Crew: Beth, Lnn, Graham

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments	500mL	NA	Freezer	
1	>1.2um fraction Ag	500	10mL	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)	200	NA	freezer	
1	BP DNA / 0.2um Ag	100/70	5mL	fridge/freezer	
1	BP Ag	100	5mL	fridge	
1	Seston CN (same vol. both filters)	400	NA	oven	very slow
1	Seston P (same vol. both filters)	300	NA	oven	
1	Seston Chl (same vol both filters)	300	NA	freezer	
1	Seston Ag	100	5mL	fridge	
2	Pigments	500mL	NA	Freezer	
2	>1.2um fraction Ag	500	10mL	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)	200	NA	freezer	
2	BP DNA / 0.2um Ag	100/70	5mL	Fridge/freezer	
2	BP Ag	100	5mL	fridge	
2	Seston CN (same vol. both filters)	300	NA	oven	Still very slow
2	Seston P (same vol. both filters)	300	NA	oven	
2	Seston Chl (same vol both filters)	300	NA	freezer	
2	Seston Ag	100	5mL	fridge	

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	500mL	10mL	fridge	
3	BP CN (same vol. both filters)	500	NA	oven	
3	BP P (same vol. both filters)	500	NA	oven	
3	BP Chl (same vol. both filters)	200	NA	freezer	
3	BP DNA /0.2um Ag	100/70	5mL	freezer/fridge	
3	BP Ag	100	5mL	fridge	
3	Seston CN (same vol. both filters)	200	NA	oven	
3	Seston P (same vol. both filters)	200	NA	oven	
3	Seston Chl (same vol both filters)	200	NA	freezer	
3	Seston Ag	100	5mL	fridge	
4	Pigments	500mL	NA	freezer	
4	>1.2um fraction Ag	500mL	10mL	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)	200	NA	freezer	
4	BP DNA/0.2um Ag	100/70	5mL	freezer/fridge	
4	BP Ag	100	5mL	fridge	
4	Seston CN (same vol. both filters)	200	NA	oven	
4	Seston P (same vol. both filters)	200	NA	oven	
4	Seston Chl (same vol both filters)	200	NA	freezer	
4	Seston Ag	100	5mL	fridge	filter may have torn

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	500	10mL	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)	200	NA	freezr	
5	BP DNA /0.2>1.2 Ag	100/70	5mL	freezer/fridge	
5	BP Ag	100	5mL	fridge	
5	Seston CN (same vol. both filters)	200	NA	oven	
5	Seston P (same vol. both filters)	200	NA	oven	
5	Seston Chl (same vol both filters)	200	NA	freezer	
5	Seston Ag	100	5mL	fridge	
6	Pigments	500	NA	Freezer	
6	>1.2um fraction Ag	500	10mL	fridge	
6	BP CN (same vol. both filters)	~~200~~ 400	NA	oven	
6	BP P (same vol. both filters)	~~200~~ 400	NA	oven	
6	BP Chl (same vol. both filters)	200	NA	freezer	
6	BP DNA /0.2>1.2	100/70	5mL	freezer/fridge	
6	BP Ag	100	5mL	fridge	
6	Seston CN (same vol. both filters)	200	NA	oven	
6	Seston P (same vol. both filters)	200	NA	oven	
6	Seston Chl (same vol both filters)	200	NA	freezer	
6	Seston Ag	100	5mL	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	50mL	1mL	fridge	
7	BP CN (same vol. both filters)	500	NA	Oven	
7	BP P (same vol. both filters)	500	NA	oven	
7	BP Chl (same vol. both filters)	200	NA	freezer	
7	BP DNA /0.2,0.2	100/70	5mL	freezer/fridge	
7	BP Ag	100	5mL	fridge	
7	Seston CN (same vol. both filters)	300	NA	oven	
7	Seston P (same vol. both filters)	300	NA	oven	
7	Seston Chl (same vol both filters)	300	NA	freezer	
7	Seston Ag	100	5mL	fridge	
8	Pigments	500mL	NA	freezer	
8	>1.2um fraction Ag	50mL	1mL	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)	200	NA	freezer	
8	BP DNA /0.2,0.2	100/70	5mL	freezer/fridge	
8	BP Ag	100	5mL	fridge	
8	Seston CN (same vol. both filters)	200	NA	oven	
8	Seston P (same vol. both filters)	200	NA	oven	
8	Seston Chl (same vol both filters)	200	NA	freezer	
8	Seston Ag	100	5mL	fridge	

* - dropped one filter on bench

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	500	10mL	fridge	
9	BP CN (same vol. both filters)	400	NA	oven	
9	BP P (same vol. both filters)	400	NA	Oven	
9	BP Chl (same vol. both filters)	200	NA	freezer	
9	BP DNA / 0.2 / 1.2	100 / 70	5mL	freezer/fridge	
9	BP Ag	100	5mL	fridge	
9	Seston CN (same vol. both filters)	200	NA	oven	
9	Seston P (same vol. both filters)	200	NA	oven	
9	Seston Chl (same vol both filters)	200	NA	freezer	
9	Seston Ag	100	5mL	fridge	
10	Pigments	500mL	NA	Freezer	
10	>1.2um fraction Ag	500mL	10mL	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)	200	NA	freezer	
10	BP DNA / 0.2 / 1.2	100/400/70	5mL	freezer/fridge	
10	BP Ag	100	5mL	fridge	
10	Seston CN (same vol. both filters)	200	NA	oven	
10	Seston P (same vol. both filters)	200	NA	oven	
10	Seston Chl (same vol both filters)	200	NA	freezer	
10	Seston Ag	100	5mL	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	500mL	10mL	fridge	
11	BP CN (same vol. both filters)	500	NA	oven	
11	BP P (same vol. both filters)	500	NA	oven	
11	BP Chl (same vol. both filters)	200	NA	freezer	
11	BP DNA 0.2/0.2	100/70	5mL	freezer/fridge	
11	BP Ag	100	5mL	fridge	
11	Seston CN (same vol. both filters)	200	NA	oven	
11	Seston P (same vol. both filters)	200	NA	oven	
11	Seston Chl (same vol both filters)	200	NA	freezer	
11	Seston Ag	100	5mL	fridge	
12	Pigments	500mL	NA	Freezer	Slow!!
12	>1.2um fraction Ag	500	10mL	fridge	↓
12	BP CN (same vol. both filters)	~~200~~ 400	NA	oven	VERY SLOW!
12	BP P (same vol. both filters)	400	NA	oven	
12	BP Chl (same vol. both filters)	200	NA	freezer	
12	BP DNA 0.2/0.2	100/70	5mL	freezer/fridge	
12	BP Ag	100	5mL	fridge	
12	Seston CN (same vol. both filters)	200	NA	oven	↓
12	Seston P (same vol. both filters)	150	NA	Over	
12	Seston Chl (same vol both filters)	150	NA	freezer	
12	Seston Ag	100	5mL	fridge	