Date: OI Aug aula Processing Crew: Jenn, Beth

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments	SVO	NA	Freeze	
1	>1.2um fraction Ag	30	DomL	Fridge	
1	BP CN (same vol. both filters)	450	NA	oven	
1	BP P (same vol. both filters)	450	NA	oven	
1	BP Chl (same vol. both filters)	400	NA	Preezer	
1	BP DNA /1.200.2	70/50	5mL	Freezer Andge	
1	BP Ag	100	Sml	hidge	
1	Seston CN (same vol. both filters)	300	NA	aen	Slow
1	Seston P (same vol. both filters)	300	NA	oven	
1	Seston Chl (same vol both filters)	250	NA	freezer	
1	Seston Ag	130	5 mL	Midge	slow
2	Pigments	500	NA	Freezer	
2	>1.2um fraction Ag	- 00	10mL	Fridae	
2	BP CN (same vol. both filters)	450	NA	oven	
2	BP P (same vol. both filters)	450	NA	oven	6
2	BP Chl (same vol. both filters)	400	NA	freezer	
2	BP DNA /1.200.2	70/50	SmL	Freezer/ Ridge	
2	BP Ag	100	5mL	fridae	
2	Seston CN (same vol. both filters)	250	NA	Oven	
2	Seston P (same vol. both filters)	250	NA	Oven	
		W1	Tuisto		
2	Seston ChI (same vol both filters)	250	NA	treezer	

Date:	Processing Crown
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	SW	10mL	Indae	
3	BP CN (same vol. both filters)	450	NA 	oven	
3	BP P (same vol. both filters)	450	NA ·	Oven	
3	BP Chl (same vol. both filters)	400	NA .	freezer	
3	BP DNA /1-200-2	70/50	5	Freezer Anuge	
3	BP Ag	100	5	fiche	
3	Seston CN (same vol. both filters)	250	NA	Oven	
3	Seston P (same vol. both filters)	250	NA	oven	
3	Seston Chl (same vol both filters)	250	NA	Freezer.	
3	Seston Ag	100	5	fidae	
4	Pigments	5710	NA	Froozer	
4	>1.2um fraction Ag	500	10mL	midde	
4	BP CN (same vol. both filters)	450	NA	oven	
4	BP P (same vol. both filters)	450	NA	oven	
4	BP Chl (same vol. both filters)	400	NA	meerer	
4	BP DNA / 234 Z	70/50	SML	Freezer Modge	
4	BP Ag	100	5mL	more	
4	Seston CN (same vol. both filters)	a50	NA	oven	
4	Seston P (same vol. both filters)	a50	NA	Oven	
			NA		
4	Seston Chl (same vol both filters)	250	IVA	freezer	went fast but no tear in rither

Date:		Pro	cessing Crew:		
mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
5	Pigments	500	NA	freezer	
5	>1.2um fraction Ag	5700 .	10mL	Fridge	
5	BP CN (same vol. both filters)	450	NA	Oven	
5	BP P (same vol. both filters)	450	NA	oven	
5	BP Chl (same vol. both filters)	400	NA	freezer	
5	BP DNA /1. 20.2	70/50	Sml	Freezer Kriden	
5	BP Ag	100	SML	fridge	
5	Seston CN (same vol. both filters)	250	NA		
5	Seston P (same vol. both filters)	250	NA	Over	
5	Seston Chl (same vol both filters)	250	NA	Reezer	
5	Seston Ag	(00)	Smi	fridge	
6	Pigments	500)	NA	freezer	
6	>1.2um fraction Ag	300-	10mL	fridge	
6	BP CN (same vol. both filters)	450	NA	aven	
6	BP P (same vol. both filters)	450	NA	oven	8
6	BP Chl (same vol. both filters)	400	NA	Reer	
6	BP DNA /1-230-2	70/50	5mL	freezer/fridge	
6	BP Ag	100	5mL	Pridate	
6	Seston CN (same vol. both filters)	aso	NA	Wen	
6	Seston P (same vol. both filters)	250	NA	Oven	
6	Seston Chl (same vol both filters)	250	NA	freezer	
6	Seston Ag	100	5mL	fiche	

Date:	Processing Crew:	
Date.	Trocessing crew.	

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
7	Pigments	500	NA	Freezer	
7	>1.2um fraction Ag	500	10mL	moge	
7	BP CN (same vol. both filters)	450	NA	over	
7	BP P (same vol. both filters)	450	NA	Over	
7	BP Chl (same vol. both filters)	400	NA	freezer	
7	BP DNA /1-206-2	70/9	Sml	freezer Midge	
7	BP Ag	100	SML	Ridge	
7	Seston CN (same vol. both filters)	250	NA	Oven	
7	Seston P (same vol. both filters)	250	NA	Oven	
7	Seston Chl (same vol both filters)	250	NA	freezer.	
7	Seston Ag	.130	5 ML	Pridge	
8	Pigments	500	NA	freier	
8	>1.2um fraction Ag	500-	lomL	fridge	
8	BP CN (same vol. both filters)	450	NA	oven	
8	BP P (same vol. both filters)	450	NA	Oven	*
8	BP Chl (same vol. both filters)	400	NA	froozer	
8	BP DNA / 250-2	70/50	Sml	Freezer Hridge	
8	BP Ag	100	5mL 5mL	fridae	
8	Seston CN (same vol. both filters)	250	NA	Oven	
8	Seston P (same vol. both filters)	250	NA	Oven	
8	Seston Chl (same vol both filters)	250	NA	freezer	
8	Seston Ag	100	5 ML	Ridge	

Date:			Processing Crew:	
	1	Taken to the second	1000.000	222000000

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
9	Pigments	520	NA	Frezer	
9	>1.2um fraction Ag	500	10mL	fridge	
9	BP CN (same vol. both filters)	450	NA	oven	
9	BP P (same vol. both filters)	450	NA	oven	
9	BP Chl (same vol. both filters)	400	NA	Frezer	
9	BP DNA /1-200.7	20/50	Sml	freezer Hridge	
9	BP Ag	100	Sml	Fridge	
9	Seston CN (same vol. both filters)	ลรง	NA	Oven	
9	Seston P (same vol. both filters)	250	NA	oven	
9	Seston Chl (same vol both filters)	250	NA	Rierer	
9	Seston Ag	100	5	fidge	
10	Pigments	500	NA	Anezer	
10	>1.2um fraction Ag	SUD	10mL	fridge	
10	BP CN (same vol. both filters)	450	NA	Oven	
10	BP P (same vol. both filters)	450	NA	Oven	
10	BP ChI (same vol. both filters)	400	NA	Freezer	
10	BP DNA /0-200.2	70/50	Sml	Freezer Hridge	
10	BP Ag	100	Sml	fridge	
	Seston CN (same	200	NA	Olavo	
10	vol. both filters)	250		CVER	
10		250	NA	Oven	
	vol. both filters) Seston P (same		NA NA	Oven	

Date:	Processing Crew:	
Date.	riocessing crew.	

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
11	Pigments	200	NA	Reezer	
11	>1.2um fraction Ag	500	10mL	Fridge	
11	BP CN (same vol. both filters)	450	NA	oven	
11	BP P (same vol. both filters)	450	NA	Oven	
11	BP Chl (same vol. both filters)	400	NA	Fretter	
11	BP DNA /0.231.2	70/50	Sml	freezer /fridge	
11	BP Ag	100	SmL	tridge	
11	Seston CN (same vol. both filters)	250	NA	oven	
11	Seston P (same vol. both filters)	250	NA	Oven	
11	Seston Chl (same vol both filters)	250	NA	frezer.	
11	Seston Ag	. 100	5ML	hidde	
12	Pigments	520	NA	10070r	
12	>1.2um fraction Ag	500-	10ml	fridge	
12	BP CN (same vol. both filters)	450	NA	oven	
12	BP P (same vol. both filters)	450	NA	Oven	6
12	BP Chl (same vol. both filters)	400	NA	Reezer	
12	BP DNA /12xx 2	70/50	Sm1	Reezer/fridge	
12	BP Ag	100	Sml	Fridge	
12	Seston CN (same vol. both filters)	a50	NA	oven	VERY SLOW!
12	Seston P (same vol. both filters)	250	NA	oven	+
12	Seston Chl (same vol both filters)	200	NA	Freezer	
12	Seston Ag	100	Smil	1	

ONLY Ag S
FILTERING DATA SHEET FOR MESOCOSMS

Date: 08-Agust-12 Processing Crew: Jem, Nicole, Graham

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mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
1	Pigments		NA		
1	>1.2um fraction Ag	500 ML	lome	Fridge	
1	BP CN (same vol. both filters)		NA	- 0	
1	BP P (same vol. both filters)		NA		
1	BP Chl (same vol. both filters)		NA		
1	BP DNA / BP Ag	/ 50 ml	5mL	, and the second	
1	BP Ag	50mL	5 mL		
1	Seston CN (same vol. both filters)		NA		
1	Seston P (same vol. both filters)		NA		
1	Seston Chl (same vol both filters)		NA		
1	Seston Ag	100	Soul	-	
2	Pigments		NA		
2	>1.2um fraction Ag	500 mL	10 mL	Fridge	
2	BP CN (same vol. both filters)		NA	d	9
2	BP P (same vol. both filters)		NA		•
2	BP Chl (same vol. both filters)		NA		
2	BP DNA /BP Ag	150mL	5mL		
2	BP Ag	150mL 50mL	5mL		
2	Seston CN (same vol. both filters)		NA		
2	Seston P (same vol. both filters)		NA		
2	Seston Chl (same vol both filters)		NA		
2	Seston Ag	Sone	5 mc.		

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Date:	Processing Crew:	
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mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
3	Pigments		NA		
3	>1.2um fraction Ag	700	10 mC		
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 /BPAS	150mL	5mL		
3	BP Ag	50mL	5mL		
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	- 50	5 mL		1
4	Pigments		NA		
4	>1.2um fraction Ag	200 -	100rL		
4	BP CN (same vol. both filters)		NA		
4	BP P (same vol. both filters)		NA		
4	BP Chl (same vol. both filters)		NA		
4	BP DNA /BP Ag 1-2-0.2	50mL	5mL		
4	BP Ag	50mL	5mL		
4	Seston CN (same vol. both filters)	,,,,	NA		
4	Seston P (same vol. both filters)		NA		
4	Seston Chl (same vol both filters)		NA		
4	Seston Ag	70	5ml		

Date:		Pro	cessing Crew:		
mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
5	Pigments		NA		
5	>1.2um fraction Ag	200	1000		
5	BP CN (same vol. both filters)		NA	bas .	
5	BP P (same vol. both filters)		NA		
5	BP Chl (same vol. both filters)		NA		
5	BP DNA / BPAG	/50ml	5mL		
5	BP Ag	50mL	5ml 5ml		
5	Seston CN (same vol. both filters)		NA		
5	Seston P (same vol. both filters)		NA		
5	Seston Chl (same vol both filters)		NA		
5	Seston Ag	50	5mL		
6	Pigments		NA		
6	>1.2um fraction Ag	200 -	10 mC		
6	BP CN (same vol. both filters)		NA		3
6	BP P (same vol. both filters)		NA		4
6	BP Chl (same vol. both filters)		NA		
6	BP DNA /BP Ag	150m	5mL		
6	BP Ag	50mL	5mL		
6	Seston CN (same vol. both filters)	,-	NA		

NA

NA

50

5mL

Seston P (same

vol. both filters) Seston Chl (same

vol both filters)

Seston Ag

6

6

6

Date: Processing Crew:		
Date: Processing Crew.	Data	Drospesing Crown
	Date:	Processing crew.

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
7	Pigments		NA		
7	>1.2um fraction Ag	500 ML	10 mL	Fridge	
7	BP CN (same vol. both filters)		NA	ď	
7	BP P (same vol. both filters)		NA		
7	BP Chl (same vol. both filters)		NA		
7	BP DNA /6P Ag	50mL	5mL		
7	BP Ag	50ML	5mL		
7	Seston CN (same vol. both filters)		NA		
7	Seston P (same vol. both filters)		NA		
7	Seston Chl (same vol both filters)		NA		
7	Seston Ag	-100 TOL	SML		
8	Pigments	A-100 - 100	NA		
8	>1.2um fraction Ag	200 -	COML		
8	BP CN (same vol. both filters)		NA		
8	BP P (same vol. both filters)		NA		
8	BP ChI (same vol. both filters)		NA		
8	BP DNA /BP A5 +2-0.2	150mL	5mL		
8	BP Ag	50ml 50ml	5mL		
8	Seston CN (same vol. both filters)		NA		
8	Seston P (same vol. both filters)		NA		
8	Seston ChI (same vol both filters)		NA		
8	Seston Ag	50 mc	5 ml		

Date:	Processing Crew:	
Date.	Frocessing crew.	

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
9	Pigments		NA		
9	>1.2um fraction Ag	200	10m L		
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 /BPAS	/50ml	5mL		
9	BP Ag	50ML	5mL		
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	50	5mL	i.	
10	Pigments		NA		
10	>1.2um fraction Ag	200	10mC		
10	BP CN (same vol. both filters)		NA		2
10	BP P (same vol. both filters)		NA		•
10	BP Chl (same vol. both filters)		NA		
10	BP DNA /BP A9	150mL	5mL		
10	BP Ag	SOML	5ml 5ml		
10	Seston CN (same vol. both filters)		NA		
10	Seston P (same vol. both filters)		NA		
10	Seston Chl (same vol both filters)		NA		
10	Seston Ag	50	5mL		

Data.	Decessing Crave	
Date:	Processing Crew:	

mesocosm	Response Variable	Volume filtered	Volume 4% nitric acid added	Preservation	Notes
11	Pigments		NA		
11	>1.2um fraction Ag	500mL	IOML	Fridge	
11	BP CN (same vol. both filters)		NA		
11	BP P (same vol. both filters)		NA		
11	BP Chl (same vol. both filters)		NA		
11	BP DNA / SP Ag	/50ml	5 mL		
11	BP Ag	50mL	5 mL 5mL		
11	Seston CN (same vol. both filters)		NA		
11	Seston P (same vol. both filters)		NA		
11 .	Seston Chl (same vol both filters)		NA		м.
11	Seston Ag	H802484	Sal		
12	Pigments		NA		
12	>1.2um fraction Ag	200 -	10mL		
12	BP CN (same vol. both filters)		NA		3
12	BP P (same vol. both filters)		NA		
12	BP Chl (same vol. both filters)		NA		
12	BP DNA /BPAG 1.2-0.2	150mL	5mL		
12	BP Ag	150ml 50ml	5mL		
12	Seston CN (same vol. both filters)		NA		
12	Seston P (same vol. both filters)		NA		
12	Seston Chl (same vol both filters)		NA		