al ume dola
Presampling Mesocosius
atrate (12) (1) Control
Lowdrip (11) (2) Low drip PVP
thigh drip (10)  Thigh Plug I was done of PVP
High plug (9)
medding (8) High dry capalo
Cartiol (2) High dry FVP
Neatment on each size

Fil

Ca

1

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## 05 Ang 2012

Removed 3 pots and 5, EM packs from

			Date	2	for D	: Sto.				
. 124					ng.	lx	1×	K	1×	
CONF.	mean	#1	2.94 0.77		101al	Unia	VOI.	1001.	'A'	
5	-1		A		140mL		10 m L	'and	10-1	
100	Ţ		В		146ml		10 mg L	10 m L	10mL	
70	1		C		180mL	lomL	toml	10ml	10 m L	
70 j	7		A		lloml	Onl	10ml	100- L	10 00 6	
70 1	7	×	B		156mL	19ml-	Iaml	10~ 6	10m L	
(J	7		C		116mL	lome	10ml	10 m 1	10mc	
70	2		1		164mL	10 ml	10ml	10 m 1	Cin L	
74	2		3	-0	172ml	10mi	10mL	190-6	Com C	
70	2		C		186ml	Our	10mL	lan L	10 m L	
70	11		A		148mi	10mil	lume	Va 6	Parl	
70	11		3		218mL	lom.	'Omi	Gn L	TOWIL	(No lugo 15)
70	11		C		100 m	10 m.L	ion C	cont	10m L	
	4		A		265m	lanc.	(0 <sub>10</sub> ) [_	Mar.	10m L	
CLUYPM	4		5		130mL	10m.L	Cmc	10ml	tomi.	
	4		C		179ml	lomi	10 m.L	Manh	10m; L	
	8		A		43 ~ 1	lanc.	10ml	(0ml.	10 m L	
	8		B		150mL	lomit	lomL	famil	lont	
	8		C		163 mL	10mC	10 m L	10 m.L	10mL	

	0	0.	01	0;	7-13/11	)	9
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	DA.	70/	<u>12/</u>	- 13%	10:	909 909	HOOW
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Camera	200000000000000000000000000000000000000							
	740	11 740)	7 401	JWOI	7W E91	)	8	
	720	7 1409	7 W01	Junol	72051	2	8	
	720	1 7m0)	720)	7~07	7~8h	Y	3	
	7 40	1 7401	7401	7 m01	74621	7	h	
	740	1 7401	Jun C	10ml	74021	8	h	Maddello
	7 410	10401	7 140	Jan Jan	) M598	V	h	
	Jm C	7000	7-0.	7~0!	W 001	<b>つ</b>	11	02
(5/06h) 0	N) 7mo	1 7 moj	7 m01	7m01	JUBIE	8	11	02
	1:40	740	7 ~ 01	7 ma	7m871	y		02
	7 -10	7201	7 mo1	7401	74981	Ö	0	02
	Just	7401	7401	7401	14821	g	e	2
	7 400	7 410/	7401	74101	722791	V	7	7/
	JUNO	740!	7m01	7401	7m911	2	1	:7/
	7 40/	7~0:	7w01	7 2061	7m951	- 8	2	. 57
	7 W 0:	7 40:	7 wol	7~0!	74017	7	L	02
	7 4001	71401	Just	7001	7 m081	2		7/2
	7401	7 401	7 20,	7 ~ 0.	74941	8		700
	7 101	740;	7401	1401	7m C+1	4	1	1.5
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	×	7	XI Nov	14	· PSw	7 6 A		
	14	200		240	to the	Data	- 1	
							100	
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Samples	in deci	G	쾧	- 10 S	Tage	λ.	5 596	21	122	.5		, co				State of		200 120 12	
(21 muso)	on to take	ha	À	37	5	5.4			(104)	5	100	N. C.		Val adduct	10	CH BYTHEE		٤	
marin. 1	opmuls	4	85.60		2	27	15 ST	8		.c. G. O	Ğ.	+	5/3-4-		(a) to delice )				
Samples (almus) Poten. 125ms earl	is the some office	19.5 PH		5 45	S. W	47.6	€ - -		G.84	-0				2.12	The second	APATA CINCA	8		
	N. Co.	367	1.00				5.60	() ()	70.1	(S)	W.	(1) (1)	4	000	(EG)	Ç.			
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18			Ť			1	B	A Commission of the Commission	The second distribution of the second	Andrew Comment of the Comment	4	A	And Bright Comments of the Angel Comments of		& carba		\ c	DIL Aug la	
)				1	y		1275	1000		385	18	1393	10/al 1/6/	(A)	& carpays were from	Entitle Sed Track			
12						C)	00	20	20	de	00	20	CMY	(100 []	13	6	1 1		

## Chlorophyll a Extractions

Date of analysis: 27-Sept-12 Processed by: Lenn

Date of sample collection	Mesocosm	Variable sampled	Amount ethanol added (mL)	Tube #	Notes
18-July-12		Seston Chla	5mL	408	Rack 1 3:15
	7	1	-	2	
	2			25	
	11			29	
	4			18	
Ä.	8			260	
	6			61	
	10			46	
	3			13	
	9			54	
	5			16	
$\downarrow$	12			10	
01-Aug-12	1			70	
	7			43	
	2			72.	
	11			11 .	
	4			82	
	8			122	
	6			ROS	
	10			102	
	3			56	
	9			7	
1	5			15	
$\vee$	12			00	
25-114-12	1			16	
	7			4	
	2	V	A	13:7	

8 8 8 10 8 8 8 10 8 8 8 77 9 77 4	25-11 15	11	Sestanchia	SML	UKS 260	
8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	25-dy-12	4	2.21 EV CLAC	SYML	3,00	
10 8xx8 3 2* 9 77 5 4 12 1 12 1 25 Rack 2 13 39 11 64 9 9 15 6 144 10 9 22		L. L.			710. 2	
10 8xx8 3 2* 9 77 5 4 12 1 12 1 25 Rack 2 13 39 11 64 9 9 15 6 144 10 9 22					200	
9 77 4 1 25 Rack Z 1 39 11 64 4 9 15 6. 144 10 9 5 1 22					000	
9 77 4 1 25 Rack Z 1 39 11 64 4 9 15 6. 144 10 9 5 1 22					200	
\$ 12 10: Ine-12 1 25 Rack 2 7 13 2 39 11 64 4 4 8 15 6 144 10 9		3			2	
12 1 25 Rack 2 13 13 2 1 13 2 1 13 2 1 13 2 1 13 2 1 13 2 1 13 2 1 13 2 1 13 2 1 13 2 1 1 1 1					77	
26: Jne-12 1 25 Rack Z 13 2 39 11 64 4 9 8 15 6 144 10 9 5 22					7	
2 39 11 64 9 4 8 15 6 144 10 9		12			1	
2 39 11 64 9 4 8 15 6 144 10 9	26-Ine-12				25	Rack Z
11 64 4 9 8 15 6 144 70 9		7				
11 64 4 9 8 15 6 144 70 9		2			39	
9 15 6 144 10 9		11				
6. 144 10 9 5 = 22		4			4	
6. 144 10 9 5 = 22					15	
10 9 5 = 22						
5 = 22		(0)			9	
	1/2					
	Ψ	16	•	V	10	
					*	
		All to the Alliance district				
		7 / 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				

## Fluorescence Spectrophotometer Chl a Readings

Date of analysis: 28 - Sept - 12

Processed by: Jenn	
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1	Standard	Concentration (µg/L)	F mean
	Std 1	0.0	0.054
	Std 2	0.5	0.152
	Std 3	1.0	0.269
	Std 4	5	1.004
	Std 5	10	1-967
	Std 6	20	4.753
	Std 7	100	18.928
	Std 8	500	106-5410
	Std 9	1000	198.765

Calibration Equation: ht=0.20063 \*Conc + 0.40148

Calibration Coefficient: 0.99885

Date of sample collection	Mesocosm	Sample #	Tube #	F mean	Notes
18-ly-12	1	1	408	26.716	
10	7	2	2	45.030	
	2	3	25	57.174	
	11	4	29	100.004	
	4	5	18	45.325	
	8	6	26	43.422	
	0	= 7-	61	49.09	
	10	O	40	37.597	
	3	9	13	14.721	*
	9	10	54	11.216	
	5	l	16	33.177	
1	12	12	10	47.039	
01-Aug-12	١	13	70	27.353	
	7	14	43	35 550	
	2	15	72	32.781	
	11	10	11	17.415	
	4	17	82	9.930	
	8	18	122	23.131	
V	6	19	205	37.694	

01-Aug-12	10	20	102	32.320	
	3	21	50	9.985	
	9	22	7	-0.010	not enough in covette.
	5	23	15	28.510	J
V	12	24	8	33.696	
25-1014-12	J	25	16	17.809	
	7	26	4	33.673	
	2	27	137	43:357	
	11	23	26	22.268	
	4	29	25	19.968	
	8	30	3	21-673	
	C	3(	8	22.832	
	10	32	8708	18.678	
	3	33	2*	13.986	
	3	34	77	13.352	
	5.	35	4	3.66de	
V	12	36	1	42 590	
26 June - 12	1	: 37	25	11 2/10	
	7	38	13	9.648	
	2	39	39	9.119	
	11	40	64	18.801	
	4	41	4	8.281	
	8	42	15	12.087	
	6	43	144	5 289	
	10	44	9	(0.616	
	5	45	22	8.921	
V	17	40	18	4.652	