

	<i>Thalassiosira</i> – 4 days			<i>Emiliania</i> – 4 days*			<i>Thalassiosira</i> – 14 days			<i>Emiliania</i> – 14 days		
	mmol C _{org} m ⁻²	% of total	% of processed	mmol C _{org} m ⁻²	% of total	% of processed	mmol C _{org} m ⁻²	% of total	% of processed	mmol C _{org} m ⁻²	% of total	% of processed
Infauna assimilation	0.1	0.2	6.8	0.1	0.3	7.4	0.4	0.6	4.1	0.3	0.8	14.1
Bacterial assimilation	0.8	1.2	50.1	0.1	0.3	6.8	3.9	5.7	36.6	0.6	1.6	29.4
Respiration (DIC)	0.6	0.9	39.2	1.3	3.6	83.0	5.3	7.6	49.2	0.8	2.2	40.7
Pore water DIC	0.06	0.1	3.8	0.04	0.1	2.7	1.1	1.6	10.2	0.3	0.9	15.8
POC leftover in sediment	20.7	30.0		2.9	7.7		41.7	60.5		19.4	52.1	
Missing	46.7	67.7		32.7	88.0		16.6	24.0		15.8	42.5	
Added at start	69			37			69			37		
Total processed	1.6	2.3		1.6	4.3		10.7	15.5		2.01	5.4	
	mmol N m ⁻²	% of total	% of processed	mmol N m ⁻²	% of total	% of processed	mmol N m ⁻²	% of total	% of processed	mmol N m ⁻²	% of total	% of processed
Infauna assimilation	0.02	0.4	7.0	0.01	0.4	72.7	0.04	1.4	8.8	0.06	2.9	48.6
Bacterial assimilation	–	–	–	–	–	–	–	–	–	–	–	–
DIN mineralization	0.3	4.4	87.8	0.0	0.0	0.0	0.3	10.7	66.4	0.04	2.1	35.5
Pore water DIN	0.02	0.6	5.2	0.003	0.2	27.3	0.1	4.0	24.8	0.02	1.0	16.0
PN leftover in sediment	2.4	35.6		0.27	13.8		4.0	136.6		1.3	64.5	
Missing	0.2	59.4		1.7	85.6		–1.5	–52.8		0.6	29.5	
Added at start	2.9			2			2.9			2		
Total processed	0.31	10.8		0.01	0.6		0.46	16.1		0.12	6.0	