

**Table S4:** PerMANOVA results for tests examining Treatment and Month effects on  $^{13}\text{C}$  uptake into sediment phospholipid fatty acids (PLFA) and the relative compositions of the bacterial and archaeal communities.

	PLFA		Bacteria		Archaea	
	F	p	F	p	F	p
Treatment	0.729	0.413	0.612	0.846	0.610	0.693
Month	0.682	0.132	1.845	0.899	5.780	0.618
Treatment $\times$ Month	4.596	0.061	0.607	0.851	0.873	0.482