Supplementary Table 1. Pearson's correlation matrix (n=120).

	nirS	*nosZ*	16S rRNA	H_2O	NO_3-N	NH_4-N
nirS	1					
nosZ	0.56331 **	1				
16S rRNA	0.23262 *	0.04634 NS	1			
H_2O	0.28435 *	0.25253 *	0.79571 **	1		
NO_3-N	-0.41428 **	-0.34451 **	-0.16351 NS	-0.06318 NS	1	
NH_4-N	0.44512 **	0.37178 **	0.29141 *	0.25758 *	-0.36619 **	1

*$p<0.05$

**$p<0.001$

NS= not significant