Appendix D

Table 1 Pearson correlation between the oxytetracycline (OTC) concentration, organic material transformation and physical-chemical conditions

	OTC	pH	EC	TOC	TN	NH_4^+-N	NO_3^--N
OTC	1	**-0.935****	-0.168	**0.958****	**0.771***	**0.711***	**-0.835** [a]
alkyl C	**0.787***	**-0.856****	-0.326	**0.701***	0.583	**0.723***	**-0.715** [b]
alkoxy C	**-0.784***	**0.834****	0.170	-0.660	-0.565	-0.411	0.586
aromatic C	-0.482	0.571	0.283	-0.482	-0.457	**-0.728***	0.491
carboxyl and amides C	0.500	-0.575	0.056	0.397	0.452	0.014	-0.201
carbonyl C	0.038	-0.094	0.379	0.048	0.019	-0.511	0.292

The bold values represent significant correlations between the OTC concentration, organic material transformation and physical-chemical conditions.

* Correlation significant at $P \leq 0.05$.

** Correlation significant at $P \leq 0.01$.