

Supplementary Material Table 1. Pearson correlation coefficients between pollutant removal efficiencies, environmental factors, and influent characteristics.

	%COD	%BOD	%TSS	%TN	%TP	%NH ₄ ⁺	Temp	Hum	Sun	COD _{in}	BOD _{in}	TSS _{in}	TN _{in}	TP _{in}	NH _{4in}	
%COD	1															
%BOD	1.000**	1														
%TSS	0.920**	0.813**	1													
%TN	0.821**	0.685**	0.645**	1												
%TP	0.654**	0.751**	0.662**	0.648**	1											
%NH ₄ ⁺	0.485**	0.641**	0.584**	0.684**	0.448**	1										
Temp	0.638**	0.638**	0.638**	0.638**	0.637**	0.638**	1									
Hum	0.523**	0.523**	0.523**	0.523**	0.523**	0.523**	0.742**	1								
Sun	-0.267**	-0.267**	-0.267**	-0.267**	-0.266**	-0.267**	-0.372**	-0.340**	1							
COD _{in}	0.478**	0.478**	0.478**	0.478**	0.479**	0.478**	0.307**	0.262**	-0.152*	1						
BOD _{in}	0.406**	0.406**	0.406**	0.405**	0.406**	0.405**	0.286**	0.219**	-0.166*	0.792**	1					
TSS _{in}	-0.133	-0.133	-0.133	-0.133	-0.132	-0.133	-0.096	-0.090	0.104	-0.167*	-0.060	1				
TN _{in}	0.039	0.039	0.039	0.039	0.039	0.039	0.008	0.026	-0.104	-0.070	0.004	-0.012	1			
TP _{in}	0.045	0.045	0.045	0.045	0.045	0.045	0.112	0.097	-0.035	0.062	0.033	-0.015	-0.099	1		
NH _{4in}	0.007	0.007	0.007	0.007	0.007	0.007	-0.014	0.007	-0.043	-0.042	0.030	-0.043	0.804**	-0.139*	1	

** Correlation is significant at the 0.01 level (2-tailed).

* Correlation is significant at the 0.05 level (2-tailed).