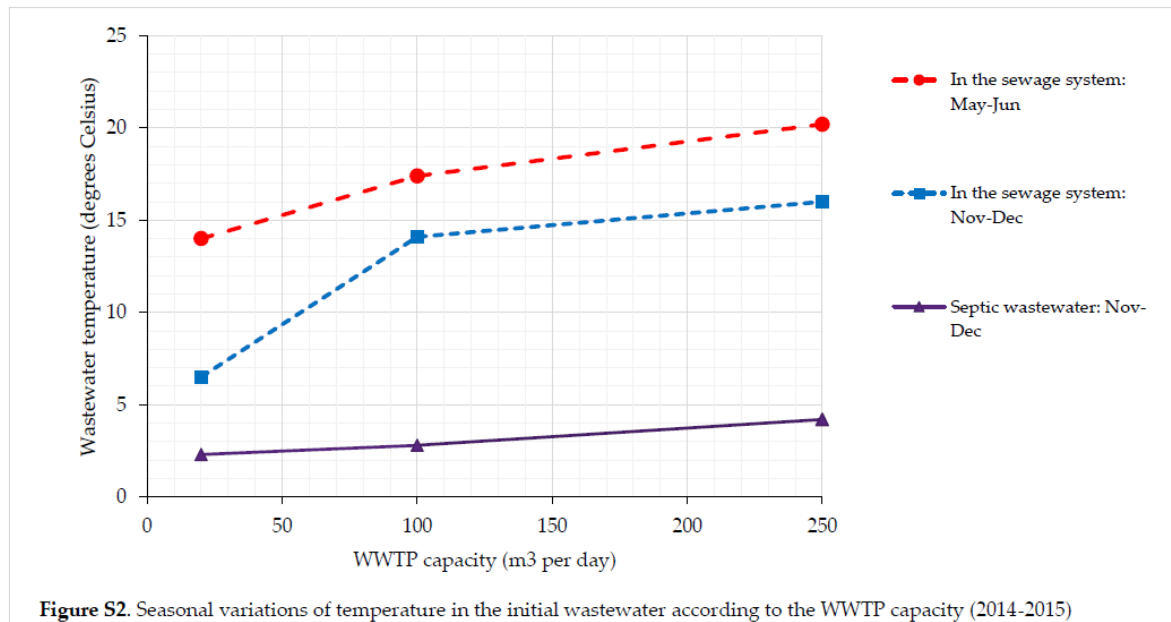
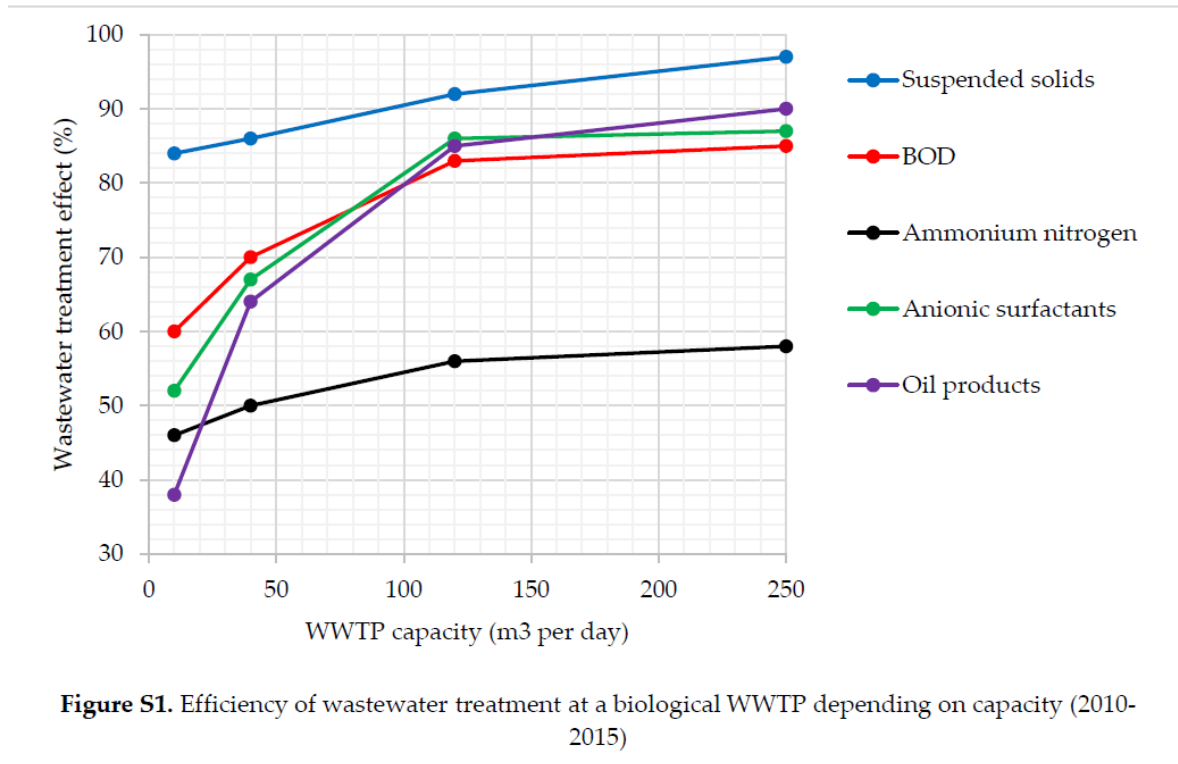


Supplementary Materials



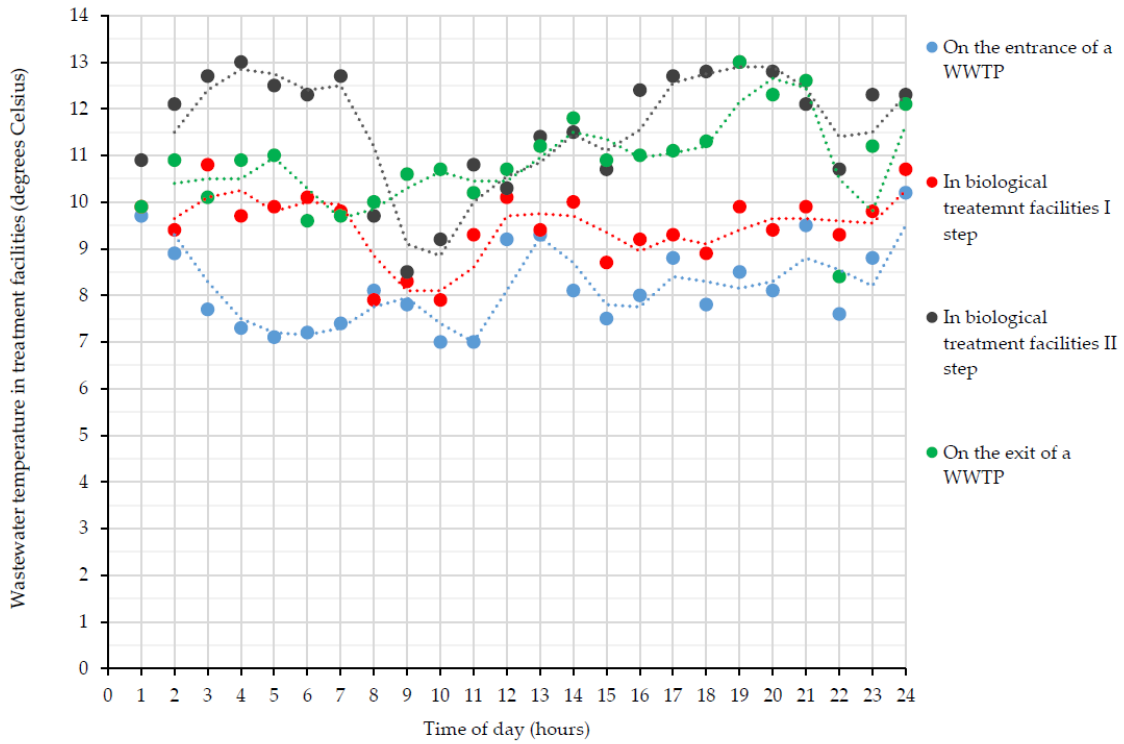


Figure S3. Diurnal water temperature variations at different treatment stages for WWTPs with a capacity of 20 m³ per day (2014)

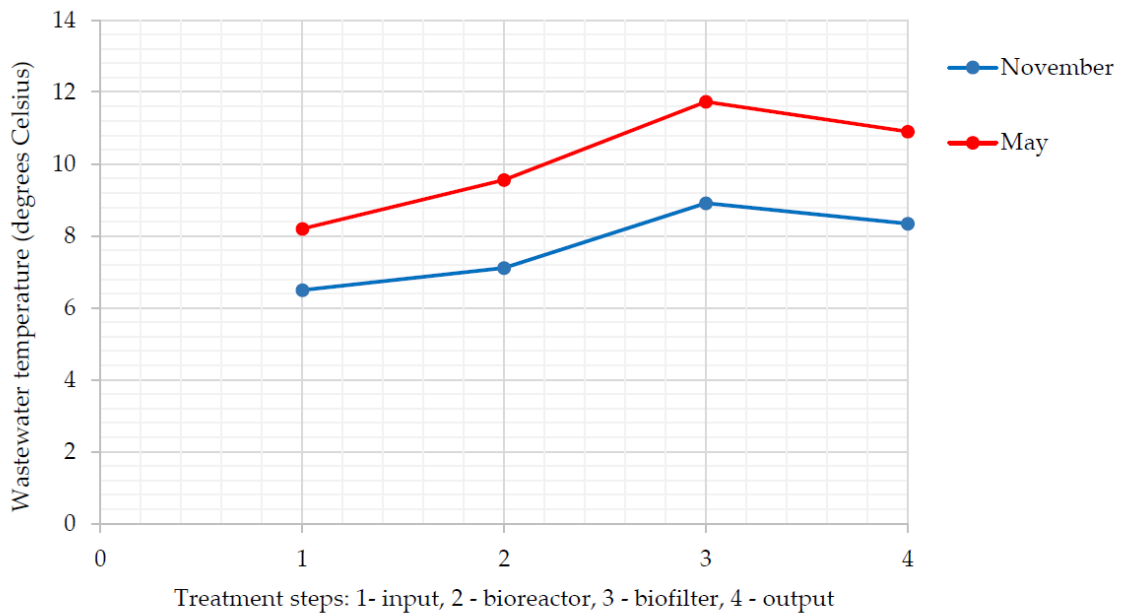


Figure S4. Seasonal changes of average monthly water temperature at different treatment stages for WWTPs with a capacity of 20 m³ per day (2014)

Table S1. The study results of wastewater quality in the septic tanks (2014).

Wastewater quality indices	Septic tank 1		Septic tank 2		Septic tank 3		Russian limit indicators
	08.08.2014	21.09.2014	08.08.2014	21.09.2014	08.08.2014	21.09.2014	
Date of sampling for analysis:	08.08.2014	21.09.2014	08.08.2014	21.09.2014	08.08.2014	21.09.2014	
pH index	7.67	8.04	7.85	8.10	7.83	8.10	6.5-8.5
Suspended solids, mg/L	342	323	421	1101	250	419.3	300
BOD ₅ , mg/L	256	223	515	816	405	489	300
COD, mg/L	647	546	739	1201	609	806	500
Ammonium ions, mg/L	182	198	179	200	172	180	50
Anionic surfactants, mg/L	2.14	3.56	2.75	5.34	2.60	5.06	10
Oil products, mg/L	5.04	6.02	4.15	7.17	2.34	7.10	10