Supplementary materials:

Figure S1: Average yearly wastewater flow in analysed WWTPs between 2017 and 2021

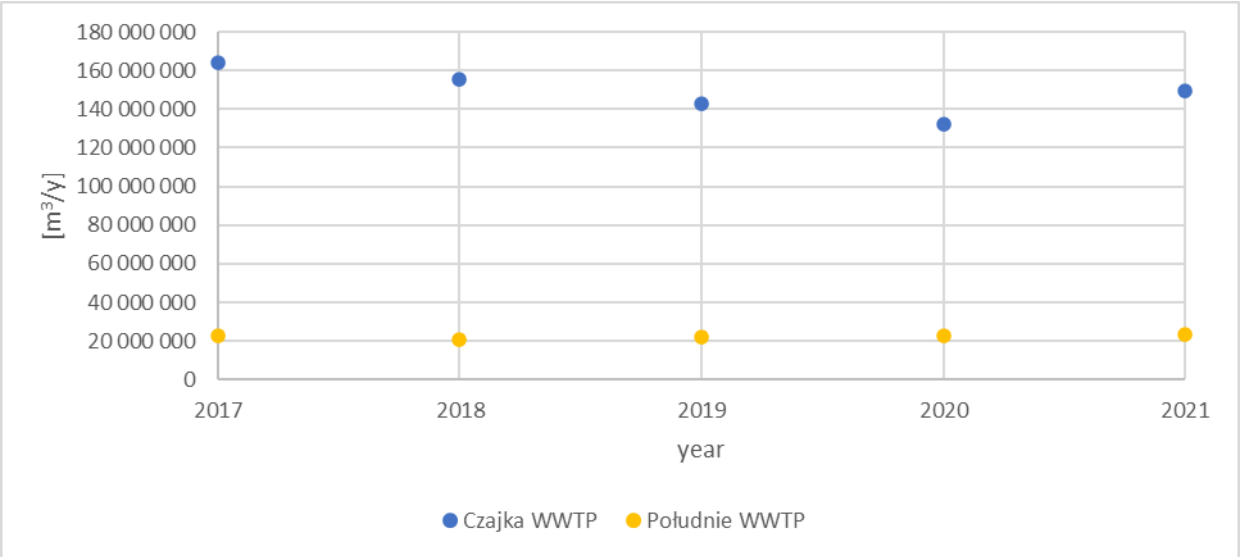

Figure S2: BOD values in analysed WWTPs between 2017 and 2021

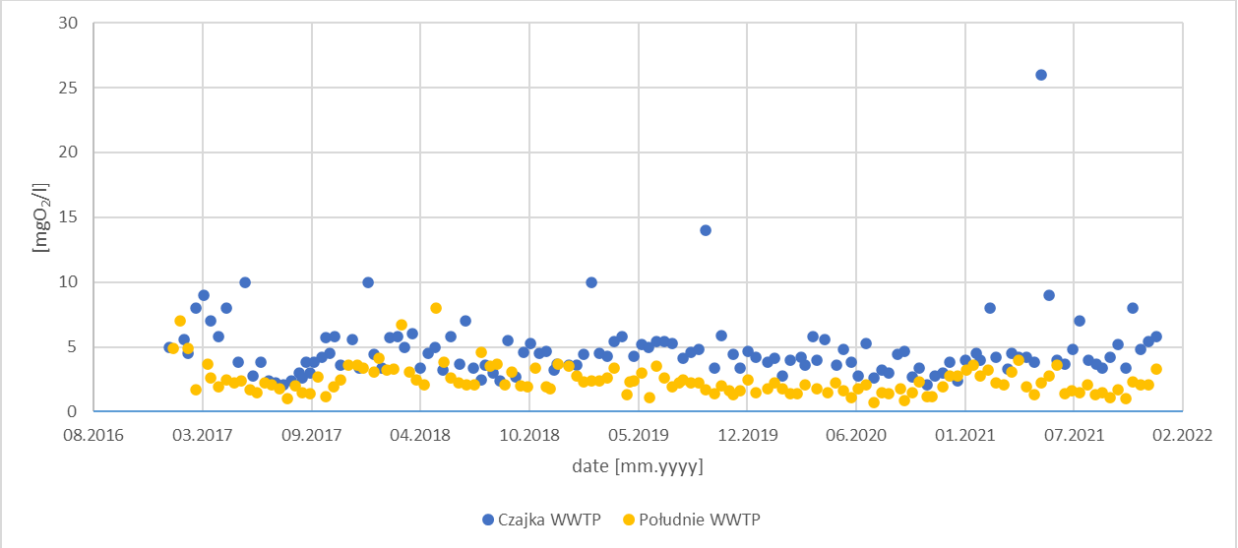

Figure S3: COD values in analysed WWTPs between 2017 and 2021

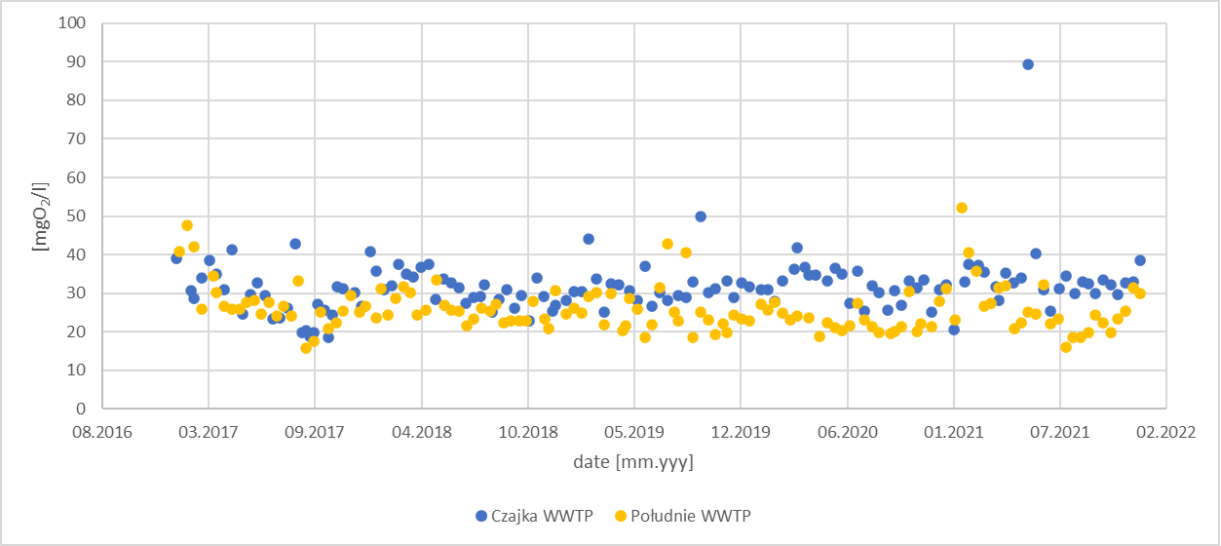

Figure S4: Suspended solids concentration in analysed WWTPs between 2017 and 2021

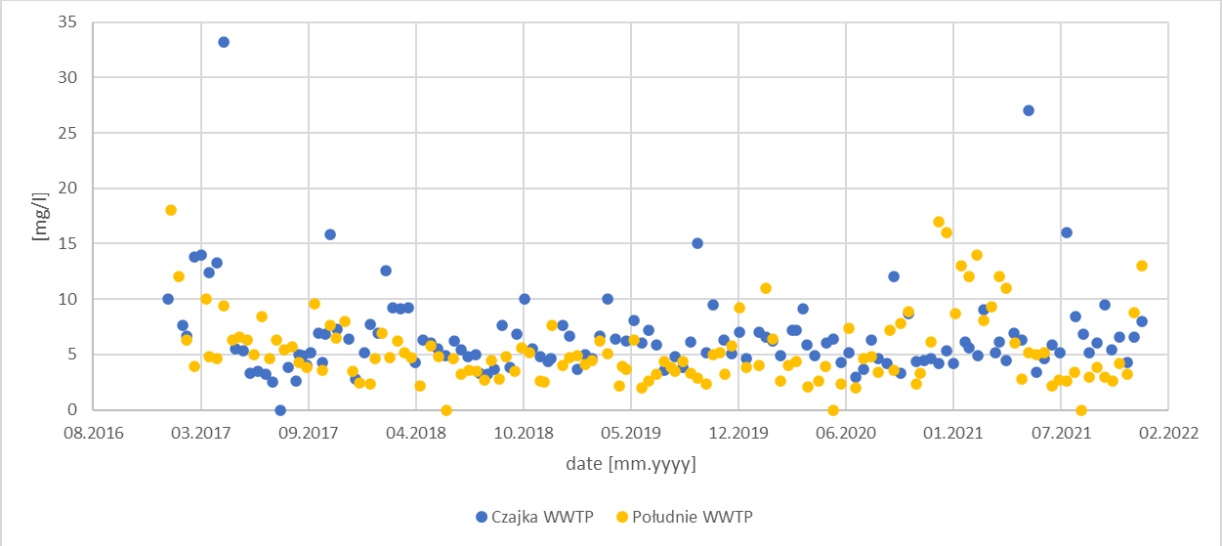

Figure S5: Total phosphorus concentration in analysed WWTPs between 2017 and 2021

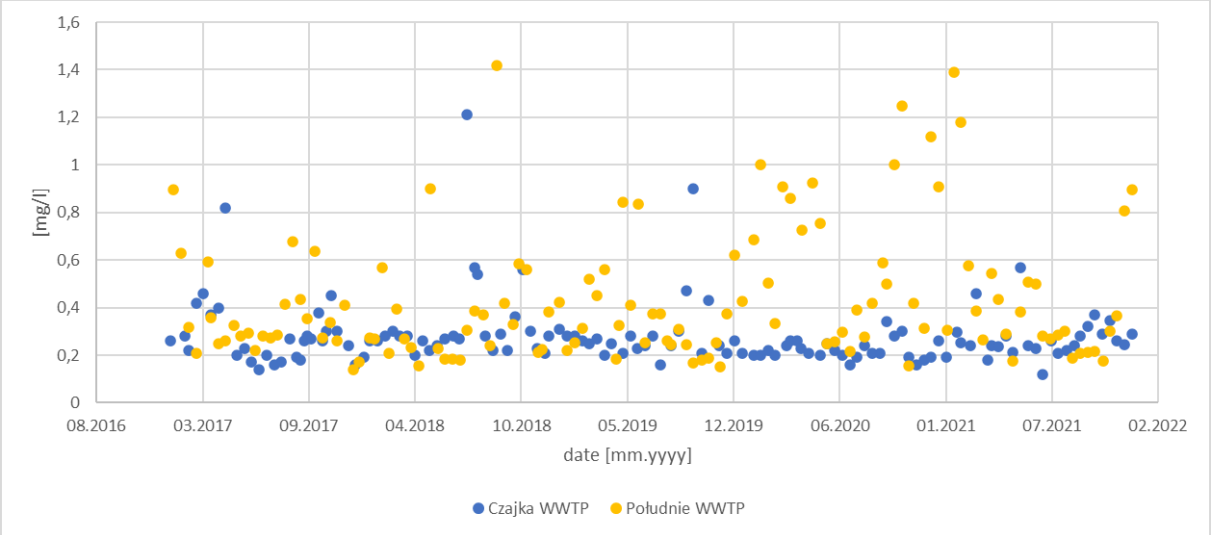

Figure S6: Total nitrogen concentration in analysed WWTPs between 2017 and 2021

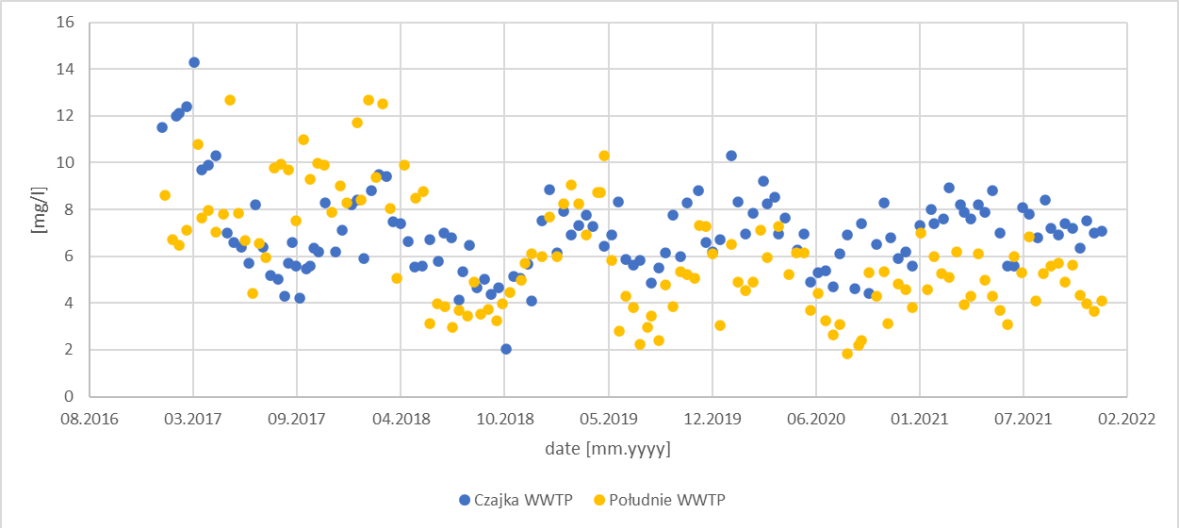

Figure S7: Chlorides concentration in analysed WWTPs between 2017 and 2021

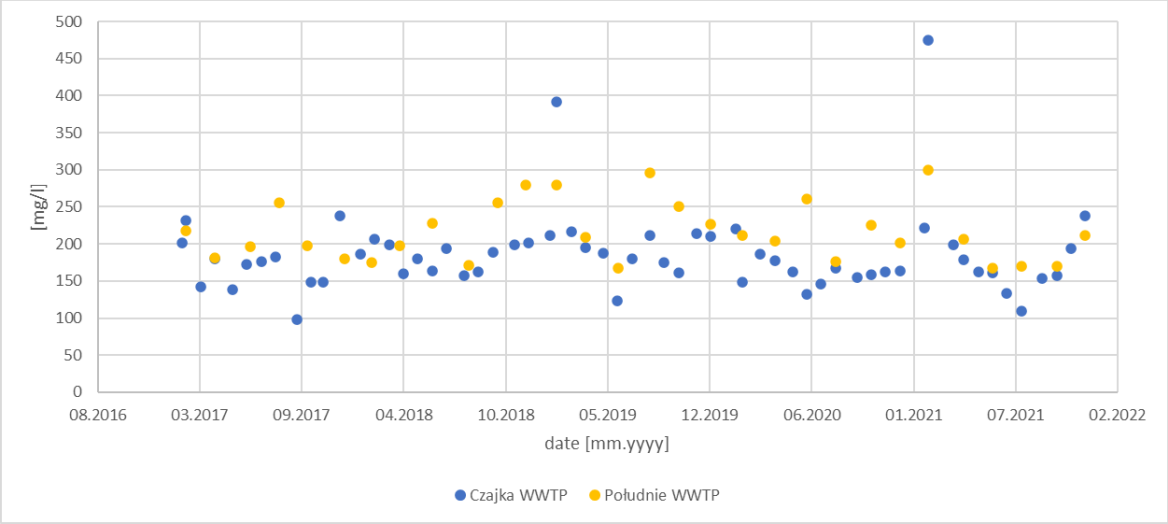

Figure S8: Sulphates concentration in analysed WWTPs between 2017 and 2021

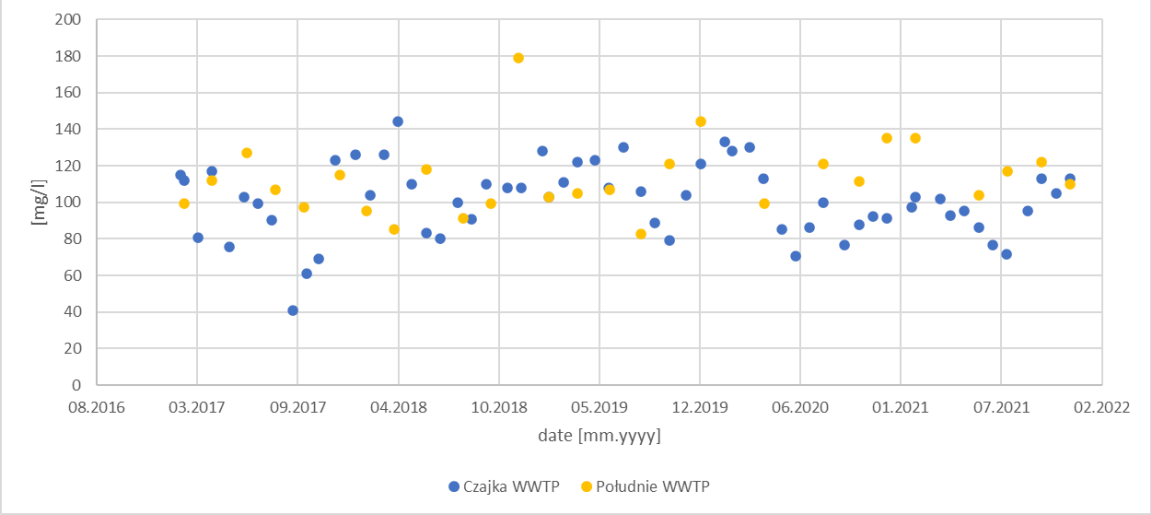

Figure S9: Iron concentration in analysed WWTPs between 2017 and 2021

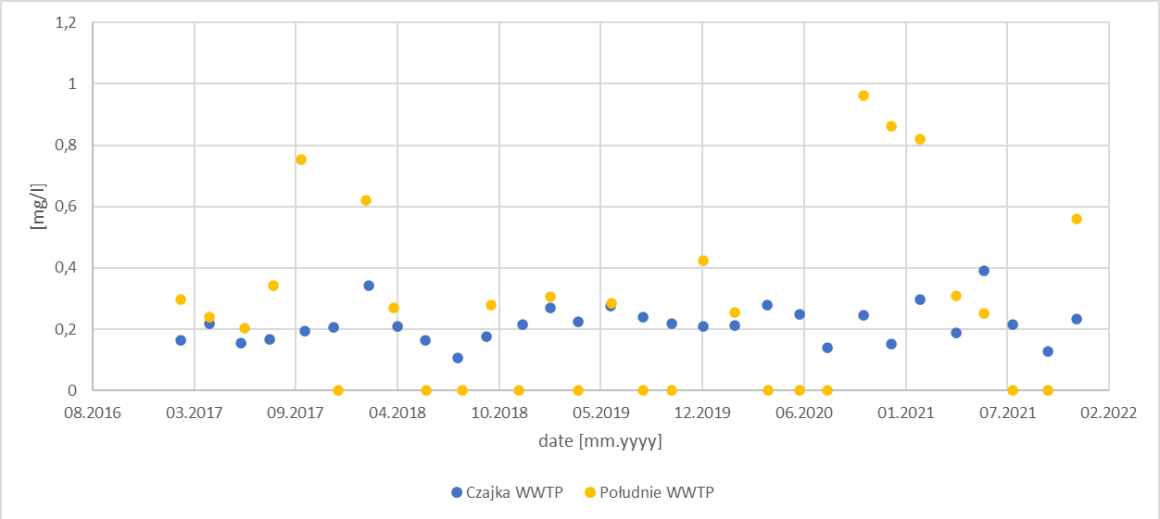

Table S1: Average indicators' values in Vistula river measured at water supply point "Gruba Kaśka" between 2020 and 2021

indicator	COD	suspended solids	total phosphorus	total nitrogen	chlorides	sulphates	copper	iron
unit	mgO2/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
09.2020	50,8	62	0,180	1,57	121	48	<0,05	0,41
10.2020	23,4	38	0,222	7,44	60	39	<0,05	1,10
11.2020	13,4	20	0,113	7,67	76,2	49	<0,05	0,71
12.2020	14,6	12	0,095	8,28	152	63	<0,05	0,63
01.2021	14,4	21	0,137	10,15	106	51	<0,05	0,69
02.2021	12,7	33	0,132	11,14	98,7	51	<0,05	1,10
03.2021	22,5	28	0,118	9,57	77,7	51	<0,05	0,99
04.2021	20,8	21	0,118	7,14	116	52	<0,05	0,70
05.2021	20	45	0,089	4,90	64,1	43	<0,05	0,96
06.2021	31,6	43	0,126	2,62	129	50	<0,05	0,51
07.2021	32,9	50	0,213	3,02	115	47	<0,05	0,67
08.2021	30,7	54	0,225	4,84	77,9	44	<0,05	1,40
09.2021	25,3	41	0,201	5,62	51,8	42	<0,05	1,00
10.2021	23,2	21	0,132	5,93	81,8	48	<0,05	0,62
11.2021	14,2	11	0,084	7,79	140	59	<0,05	0,59
12.2021	20,4	14	0,095	8,79	101	55	<0,05	1,00