

Supplementary Materials

Table S1. Sample name and description.

Sample	Description
NW	Natural water collected from the urban river
RW	Reclaimed water collected from the reclaimed water treatment plant
01A_RW	80% reclaimed water and 20% natural water from device A on day_01
10A_RW	80% reclaimed water and 20% natural water from device A on day_10
19A_RW	80% reclaimed water and 20% natural water from device A on day_19
28A_RW	80% reclaimed water and 20% natural water from device A on day_28
10B_NW	100% natural water from device B on day_10
19B_NW	100% natural water from device B on day_19
28B_NW	100% natural water from device B on day_28
10C_RW	80% reclaimed water and 20% natural water from device C on day_10
19C_RW	80% reclaimed water and 20% natural water from device C on day_19
28C_RW	80% reclaimed water and 20% natural water from device C on day_28
NF	Natural biofilms collected from the urban river
10A_NF	Natural biofilms from device A on day_10
19A_NF	Natural biofilms from device A on day_19
28A_NF	Natural biofilms from device A on day_28
10A_PF	Primary biofilms from device A on day_10
19A_PF	Primary biofilms from device A on day_19
28A_PF	Primary biofilms from device A on day_28
10B_NF	Natural biofilms from device B on day_10
19B_NF	Natural biofilms from device B on day_19
28B_NF	Natural biofilms from device B on day_28
10C_NF	Natural biofilms from device C on day_10
19C_NF	Natural biofilms from device C on day_19
28C_NF	Natural biofilms from device C on day_28

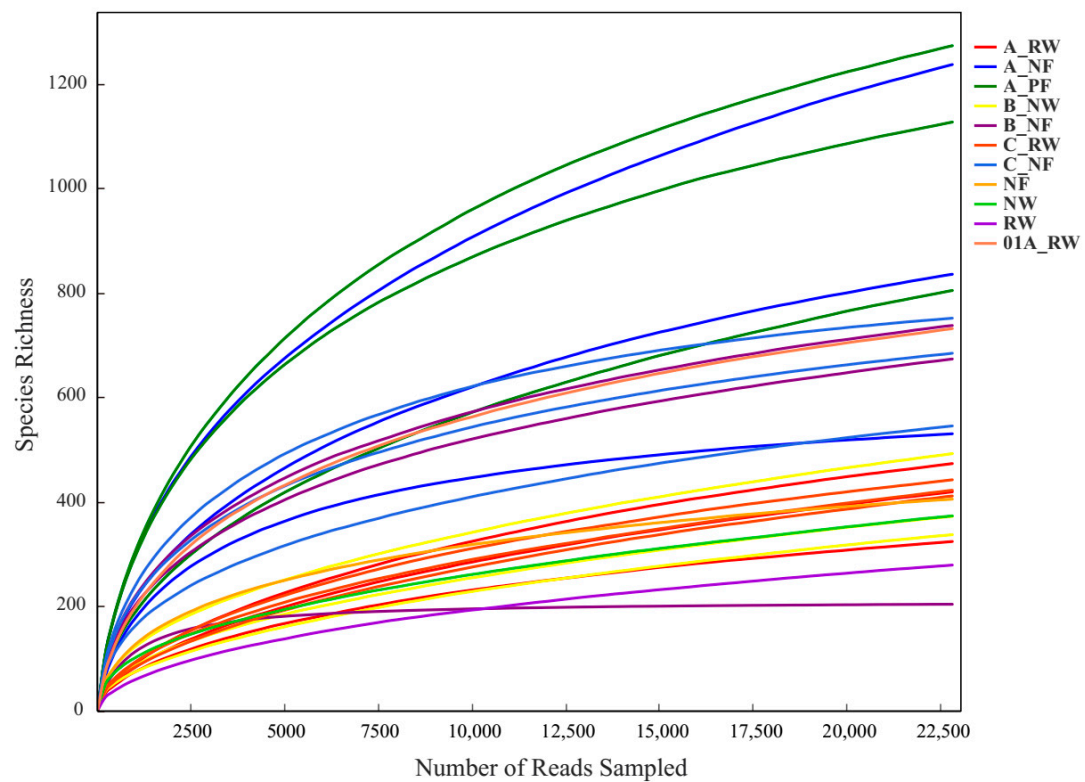


Figure S1. Rarefaction curve of water and biofilm samples.