

## Supplementary material

**Table 1 Summary operating conditions of the CST and SST**

<b>Operating conditions</b>	<b>CST</b>	<b>SST</b>
Wastewater flow <sup>a</sup> (L/d)	98.8 ( $\pm$ 48.9)  n=507	111.0 ( $\pm$ 89.3)  n=745
Number of user <sup>b</sup>	23 ( $\pm$ 8)  n=507	17 ( $\pm$ 10)  n=745
<b>Influent characteristic</b>	<b>CST</b>	<b>SST</b>
TCOD (mg/L)	1,618 ( $\pm$ 810)  n=69	3,834 ( $\pm$ 2,828)  n=88
SCOD (mg/L)	494 ( $\pm$ 182)  n=69	879 ( $\pm$ 496)  n=88
TBOD (mg/L)	643 ( $\pm$ 289)	1,131 ( $\pm$ 725)

	n=69	n=88
SBOD (mg/L)	374 ( $\pm 139$ )	399 ( $\pm 183$ )
	n=69	n=88
TKN (mg/L)	295 ( $\pm 95$ )	463 ( $\pm 218$ )
	n=69	n=88
TS (mg/L)	1,556 ( $\pm 646$ )	3,046 ( $\pm 1,659$ )
	n=89	n=91
TVS (mg/L)	943 ( $\pm 471$ )	2,351 ( $\pm 1,450$ )
	n=89	n=91
<i>E.coli</i> (MPN/100mL)	$9.7 \times 10^8$ ( $3.1 \times 10^9$ )	$1.1 \times 10^8$ ( $5.6 \times 10^8$ )
	n=39	n=39

(a) Estimated from the toilet water used and (b) Counted from the usage times, n = number of

samples