

Appliance	Amount	DU	Sum DU	Notes
WC (7.5l)	7	1.8	12.6	
Urinal	3	0.5	1.5	Single urinal with cistern
WB	7	0.3	2.1	
Kitchen sink	1	0.6	0.6	
Dishwasher	1	0.6	0.6	Household dishwasher
			17.4	

Discharge Units = System II

Frequency Factor (K) = Intermittent Use = 0.5

Wastewater Flowrate (Q_{ww})

$$Q_{ww} = K \sqrt{\Sigma DU}$$

where:

K = 0.5

Σ DU = 17.4

Q_{ww} = 2.1 litres / second