

BS EN 12056-2 Table 2 Proposed Discharge Units for 33 Maryport Street, Usk, ref: DM/2023/01341

	Du l/s	Number	Total			
Wash basin	0.3	3	0.9			
Shower	0.4	1	0.4			
Bath	1.3	1	1.3			
Kitchen sink	1.3	1	1.3			
Dishwasher	0.2	1	0.2			
Washing machine (up to 6kg)	0.6	1	0.6			
WC with 6.0 litre cistern	1.5	3	4.5			
Total Discharge Units (SumDU)			9.2			

BS EN 12056-2 Table 3 Typical Frequency Factors (K)

K=0.5 Intermittent use eg. In dwelling

Waste Water Flow Rate (Q_{ww})

$$Q_{ww} = k\sqrt{\text{SumDU}}$$

$$Q_{ww} = 0.5\sqrt{9.2}$$

Q_{ww} = 1.5