

Table 1: The water calculator for new dwellings

Rear of 88-90
Westbury Avenue

Installation Type	Unit of measure	Capacity / flowrate	Use factor	Fixed use (l/person/day)	Litres/person/day =[(1)*(2)]+(3) (4)
		(1)	(2)	(3)	(4)
WC (single flush)	Flush volume (litres)		4.42	0	
WC (dual flush)	Full flush volume (litres)	6	1.46	0	8.76
	Part flush volume (litres)	4	2.96	0	11.84
WCs (multiple fittings)	Average effective flushing volume (litres)		4.42	0	
Taps (exc kitchen taps)	Flow rate (l/min)	5.00	1.58	1.58	9.48
Bath (where shower also present)	Capacity to overflow (l)		0.11	0	
Shower (where bath also present)	Flow rate (l/min)		4.37	0	
Bath only	Capacity to overflow (l)		0.5	0	
Shower only	Flow rate (l/min)	10	5.6	0	56
Kitchen sink taps	Flow rate (l/min)	8.00	0.44	10.36	13.88
Washing machine	l/kg dry load		2.1	0	
Dishwasher	l/place setting		3.6	0	
Waste disposal unit	l/use	0	3.08	0	0
Water softner	l/person/day	0	1	0	0
	(5)	Total calculated use (l/person/day) = Σ[column (4)]			99.96
	(6)	Contribution from greywater (l/person/day) from Table 4.6			0
	(7)	Contribution from rainwater (l/person/day) from Table 5.5			0
	(8)	Normalisation factor			0.91
	(9)	Total water consumption (CSH) = [(5)-(6)-(7)]*(8) (l/person/day)			90.96
	(10)	External water use			5
	(11)	Total water consumption (Part G) = (9)+(10) (l/person/day)			95.96