

Part G Water Calculation

Flat 2, 95 Avenue Road, London, NW8 6HY

Total Water Consumption for 17.K Compliance Building Regulations Part G:

109.32 litres per person per day

This dwelling is within the target maximum of potable water (125 Litres per person per day)

Installation Type	Unit of Measure	Capacity/ Flow Rate	Use Factor	Fixed Use	Litres/Pers on/Day
WC's (single Flush)	Flush Volume (litres)	0.00	4.42	0.00	0.00
WC's (Dual Flush)	(Full Flush)	6.00	1.46	0.00	8.76
	(Part Flush)	3.00	2.96	0.00	8.88
Taps (excl. kitchen/utility room)	Flow rate (litres / minute)	6.00	1.58	1.58	11.06
Bath (Shower Present)	Capacity to overflow (litres)	0.00	0.11	0.00	0.00
Shower Only	Flow rate (litres / minute)	9.00	5.60	0.00	50.40
Kitchen/Utility Taps	Flow rate (litres / minute)	8.00	0.44	10.36	13.88
Washing Machine*	Litres / kg dry load	8.17	2.10	0.00	17.16
Dishwasher	Litres / place setting	1.25	3.60	0.00	4.50
Waste Disposal Unit*	Litres / use	0.00	3.08	0.00	0.00
Water Softener*	Litres / person / day	0.00	1.00	0.00	0.00
Contribution from Grey Water					N/A
Contribution from Rain Water					N/A

*Not specified, so default values used

Calculated Water Usage	114.637
Normalisation Factor	$\Sigma \times 0.91$
External Water Usage	5
Total Part G Water Consumption	109.32

Usage is less than 110 l/p/d, dwelling is compliant With London Plan Policy SI 5

The specification above has been based on fittings installed by the developer

Where sanitaryware is unknown an appropriate value has been used, flow rates will be achieved by installing restrictors in the pipework