



150 Holborn

Planning Condition 18

Condition 18- *The development hereby approved shall achieve a maximum internal water use of 105litres/person/day, allowing 5 litres/person/day for external water use.*

Prior to occupation, evidence demonstrating that this has been achieved shall be submitted and approved by the Local Planning Authority.

In accordance with planning, the development will use a total of 101.04 Litres per person per day.

Please refer to the attached water calculator summary which provides the relevant data and evidence required.

The Water Calculator


<http://www.thewatercalculator.org.uk/>

Congratulations

150 Holborn

You are within your target maximum consumption of potable water (105 litres per person per day).

Total water consumption from your calculation

101.04

litres per person per day

This calculator is intended to inform design choices by demonstrating the likely impact of specification changes on total water consumption. Results can only be used to demonstrate compliance with the Code for Sustainable Homes when the calculations have been verified by a suitably qualified Code for Sustainable Homes assessor.

Calculation summary

Installation type	Unit of measure	Capacity / flow rate	Use factor	Fixed use	Litres / person / day
WCs (single flush)	Flush volume (litres)	4.5	4.42	0	19.89
WCs (dual flush)	Average effective flushing volume (litres)				
Taps (excl. kitchen/utility room)	Flow rate (litres / minute)	3.5	1.58	1.58	7.11
Bath (shower also present)	Capacity to overflow (litres)	135	0.11	0	14.85
Shower (bath also present)	Flow rate (litres / minute)	8	4.37	0	34.96
Kitchen/utility room sink taps	Flow rate (litres / minute)	5	0.44	10.36	12.56
Washing machine	Litres / kg dry load	8.17	2.1	0	17.16
Dishwasher	Litres / place setting	1.25	3.6	0	4.5
Waste disposal unit	Litres / use	<input type="checkbox"/>	3.08	0	
Water softener	Litres / person / day	<input type="checkbox"/>	1	0	
Contribution from Grey Water					undefined
Contribution from Rain Water					undefined
Normalisation factor					$\sum \times 0.91$



calculator & site development by Seedyepa