

# The Water Calculator



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

## Congratulations

### 3 & 4 New Broadway

You are within your target maximum consumption of potable water (110 litres per person per day).

Total water consumption from your calculation

**104.47**

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
<b>WCs</b> (single flush)	Flush volume (litres)		4.42	0	11.76
<b>WCs</b> (dual flush)	Average effective flushing volume (litres)	2.66			
<b>Taps</b> (excl. kitchen/utility room)	Flow rate (litres / minute)	3	1.58	1.58	6.32
<b>Bath</b> only	Capacity to overflow (litres)	125	0.5	0	62.5
<b>Shower</b> only	Flow rate (litres / minute)		5.6	0	
<b>Kitchen/utility room sink taps</b>	Flow rate (litres / minute)	5	0.44	10.36	12.56
<b>Washing machine</b>	Litres / kg dry load	8.17	2.1	0	17.16
<b>Dishwasher</b>	Litres / place setting	1.25	3.6	0	4.5
<b>Waste disposal unit</b>	Litres / use	<input type="checkbox"/>	3.08	0	
<b>Water softener</b>	Litres / person / day	<input type="checkbox"/>	1	0	
<b>Contribution from Grey Water</b>					undefined
<b>Contribution from Rain Water</b>					undefined
<b>Normalisation factor</b>					$\Sigma \times 0.91$



calculator & site development by Seedyepa