

House 1, 40-48 Mount Pleasant, Reading RG1 2TF.

No shower is shown on the floor plan. A high efficiency slow flow shower head will be installed above the bath with a flow rate of 6 litres/minute.

Installation Type	Unit of Measure	Capacity/Flow rate (1)	Use Factor (2)	Fixed use (litres/person/day) (3)	Litres/person/day = [(1)x(2)] + (3) (4)
WC (single flush)	Flush Volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush Volume (litres)	2	1.46	0.00	2.92
	Part flush Volume (litres)	2.8	2.96	0.00	8.29
WC (multiple fittings)	Average effective flushing Volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	10.00	1.58	1.58	17.38
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)		5.60	0.00	0
Kitchen/Utility room sink taps	Flow rate (litres/minute)	10.00	0.44	10.36	14.76
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) =SUM(column 4)			108.28
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			98.53
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day)			103.5

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Dual Flush. 4/6 Litres.	11.21
Taps	Standard type. 10 Litres/Minute.	17.38
Baths (shower(s) present)	Standard type. 155 Litres.	17.05
Showers (bath(s) present)	Slow flow showerhead above bath. 6 Litres/minute.	26.22
Kitchen Taps	Standard type. 10 Litres/Minute.	14.76
Washing Machines	Standard type.	17.157
Dishwasher	Standard type.	4.5

