Part G Water Efficiency Report

Property Address: Plot 3, Parcel S Buttenshaw Avenue, Arborfield, Wokingham, RG2 9LN

Job Number: J005579

Completed By: BR

Date: 18/09/2026

Executive Summary

UK Building Compliance have been appointed to undertake Part G Water Efficiency Calculations in support of the proposed development at the afformentioned Site Address. Calculations have been completed in accordance with Building Regulations Approved Document Part G 2010 (Sanitation, Hot Water Safety and Water Efficiency).

The Water Efficiency Target is less than 125 litres/ per person/ per day.

Water Efficiency Calculations

Installation Type	Unit of Measure	Quantity	Capacity/ Flow Rate	Use factor	Fixed Use	Total L/P/D
WC (single flush)	Flush (L)	0	0.00	4.42	0.00	0.00
WC (dual flush)	Full flush (L)	4	4.80	1.46	0.00	7.01
	Part flush (L)		2.40	2.96	0.00	7.10
Taps (excl kitchen/utility)	Flow (L/minute)	4	3.50	1.58	1.58	7.11
Baths	Capacity (L)	2	180.00	0.11	0.00	19.80
Showers	Flow (L/minute)	3	8.00	4.37	0.00	34.96
Kitchen/Utility Room Taps	Flow (L/minute)	2	5.00	0.44	10.36	12.56
Washing Machine	L/kg dry load	1	8.00	2.10	0.00	16.80
Dishwasher	L/place setting	1	1.25	3.60	0.00	4.50
Waste Disposal Unit	L/use	0	0.00	3.08	0.00	0.00
Water Softener	L/P/D	0	0.00	1.00	0.00	0.00

Total calculated use (litres/person/day)	109.84
Contribution from Greywater (litres/person/day)	0.00
Contribution from Rainwater (litres/person/day)	0.00
Normalisation factor	0.91
Total water consumption	99.96
External water use	5.00
Total Water Consumption (Building Regulation 17.K)	**104.96**

Notes

No Greywater Harvesting is utilised at the afformentioned property.

No Rainwater Harvesting is utilised at the afformentioned property.

Conclusion

Water Efficiency Calculations Demonstrate that the Total Water Consumption is lower than the Water Efficiency Target and therefore demonstrates compliance with regulations.

Disclaimer

Calculations have been completed based on drawings/information issued to UK Building Compliance at the date of this report. No verification of this information has been conducted and the validity of this report is subject to approval by the appointed building control body.

Copyright UKBC 2016