# Part G Water Efficiency Report

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|---|---|
| **Property Address:** | **Plot 2, 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 affomentioned 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) | 1 | 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 affomentioned property.

No Rainwater Harvesting is utilised at the affomentioned 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.


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