# Part G Compliance Report

## PROJECT DETAILS

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|---|---|
| Project Reference: | ZK65-05A |
| Client: | |
| Property: | The Cart Shed<br>Woodmans Farm, London Road<br>Ashington RH20 3AU |

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| Local Authority: | Horsham District Council |
| Agent: | CPA Property |

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| Assessor: | Joe Solti |
| Address: | Therm Energy Ltd |
| Contact: | 01903 884357 |
| Software: | G-Calc 2015 version 3.0.2 |
| Prepared on: | 18-Nov-24 |

## RESULT SUMMARY

By following the Government's national calculation methodology for assessing water efficiency in new dwellings this 1 bed dwelling, as built, achieves a water consumption of 101.2 litres per person per day.

Compliance with Building Regulation 36(1) has been demonstrated.

| Table 1: The Water Calculator for New Dwellings | | | | | |
|---|---|---|---|---|---|
| Installation Type | Unit of measure | Value | Use factor | Fixed use | litres/person/day |
| WC(single flush) | Flush volume (litres) | | 4.42 | 0.00 | 0 |
| WC(dual flush) | Full flush vol. | 4 | 1.46 | 0.00 | 5.84 |
| | Part flush vol. | 2.5 | 2.96 | 0.00 | 7.4 |
| WC(multiple fittings) | Average effective Flush vol. (litres) | | 4.42 | 0.00 | 0 |
| Taps(excl. Kitchen) | Flow rate (litres/min) | 4 | 1.58 | 1.58 | 7.9 |
| Bath (shower also present) | Capacity to overflow (litres) | 0 | 0.11 | 0.00 | 0 |
| Shower (bath also present) | Flow rate (litres/min) | 0 | 4.37 | 0.00 | 0 |
| Bath only | Capacity to overflow (litres) | 0 | 0.50 | 0.00 | 0 |
| Shower only | Flow rate (litres/minute) | 9 | 5.6 | 0.00 | 50.4 |
| Kitchen sink taps | Flow rate (litres/minute) | 5 | 0.44 | 10.36 | 12.56 |
| Washing Machine | litres/kg dry load | 8.17 | 2.1 | 0.0 | 17.16 |
| Dishwasher | litres/place setting | 1.25 | 3.6 | 0.0 | 4.5 |
| Waste disposal | litres/use | 0 | 3.08 | 0.0 | 0 |
| Water softener | litres/person/day | 0 | 1.0 | 0.0 | 0 |

| | |
|---|---|
| Total calculated use (litres/person/day) | 105.76 |
| Contribution from greywater (litres/person/day) | - |
| Contribution from rainwater (litres/person/day) | - |
| Normalisation factor | 0.91 |
| Total Water Consumption. Code for Sustainable Homes (litres/person/day) | **96.2** |
| External water use | 5.0 |
| Total Water Consumption. (36(1)) (litres/person/day) | **101.2** |

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| Summary of fitting types "As Built" | | | |
|---|---|---|---|
| Type | Description | Flow rates, volumes etc. | Qty |
| Taps | Taps - restricted | 4 litres/min | 1 |
| Baths | Baths | litres to overflow | 1 |
| Dishwashers | Indesit | 1.25 litres/place | 1 |
| Washing Machines | Indesit | 8.17 litres/kg | 1 |
| Showers | Shower - restricted | 9 litres/min | 1 |
| WC's | | 4 / 2.5 litres flush vols. | 1 |
| | | litres flush vols. | 1 |
| Kitchen/Utility taps | Taps - restricted | 5 litres/min | 1 |

------End of Report------

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# Notice of Water Efficiency

Building Regulation 36(2)(a) applies.
By following the Government's methodology for assessing water efficiency as set out in "Approved Document G 2015," the potential consumption of wholesome water per person per day for the new dwelling at:

The Cart Shed
Woodmans Farm, London Road
Ashington

RH20 3AU

has been calculated as:

**101.2 litres per person per day**