



**Job no:** 153  
**Date:** 22/03/2023  
**Assessor name:**  
**Registration no:** "As Built"  
**Development name:** Hamblewood

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| WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS - (BASIC CALCULATOR) |                             |                     |                     |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------|-----------------------------|---------------------|---------------------|--|--|--|--|--|--|--|--|--|--|
| House Type:                                                        |                             | Type 3.1            |                     |  |  |  |  |  |  |  |  |  |  |
| Description:                                                       |                             | Plot 22 & 23        |                     |  |  |  |  |  |  |  |  |  |  |
| Installation Type                                                  | Unit of measure             | Capacity/ flow rate | Litres/ person/ day |  |  |  |  |  |  |  |  |  |  |
| Is a dual or single flush WC specified?                            |                             | Dual                |                     |  |  |  |  |  |  |  |  |  |  |
| WC                                                                 | Full flush volume           | 6                   | 8.76                |  |  |  |  |  |  |  |  |  |  |
|                                                                    | Part flush volume           | 3                   | 8.88                |  |  |  |  |  |  |  |  |  |  |
| Taps (excluding kitchen and external taps)                         | Flow rate (litres / minute) | 5                   | 9.48                |  |  |  |  |  |  |  |  |  |  |
| Are both a Bath & Shower Present?                                  |                             | Bath & Shower       |                     |  |  |  |  |  |  |  |  |  |  |
| Bath                                                               | Capacity to overflow        | 156                 | 17.16               |  |  |  |  |  |  |  |  |  |  |
| Shower                                                             | Flow rate (litres / minute) | 8                   | 34.96               |  |  |  |  |  |  |  |  |  |  |
| Kitchen sink taps                                                  | Flow rate (litres / minute) | 8                   | 13.88               |  |  |  |  |  |  |  |  |  |  |
| Has a washing machine been specified?                              |                             | No                  |                     |  |  |  |  |  |  |  |  |  |  |
| Washing Machine                                                    | Litres / kg                 |                     | 17.16               |  |  |  |  |  |  |  |  |  |  |
| Has a dishwasher been specified?                                   |                             | No                  |                     |  |  |  |  |  |  |  |  |  |  |
| Dishwasher                                                         | Litres / place setting      |                     | 4.50                |  |  |  |  |  |  |  |  |  |  |
| Has a waste disposal unit been specified?                          |                             | No                  |                     |  |  |  |  |  |  |  |  |  |  |
| Water Softener                                                     | Litres / person / day       |                     | 0.00                |  |  |  |  |  |  |  |  |  |  |
| Calculated Use                                                     |                             | 114.8               |                     |  |  |  |  |  |  |  |  |  |  |
| Normalisation factor                                               |                             | 0.91                |                     |  |  |  |  |  |  |  |  |  |  |
| Code for Sustainable Homes                                         | Total Consumption           | 104.4               |                     |  |  |  |  |  |  |  |  |  |  |
|                                                                    | Mandatory level             | Level 3/4           |                     |  |  |  |  |  |  |  |  |  |  |
| Building Regulations 17.K                                          | External use                | 5.0                 |                     |  |  |  |  |  |  |  |  |  |  |
|                                                                    | Total Consumption           | 109.4               |                     |  |  |  |  |  |  |  |  |  |  |
|                                                                    | 17.K Compliance?            | Yes                 |                     |  |  |  |  |  |  |  |  |  |  |