Appendix 8.6 Assumptions and Baselines for Water Consumption

This circular letter announces that page 8-23 of "Appendix 8.6 Assumption and Baselines for Water Consumption" of the BEAM Plus Manual Version 1.1. should be superseded by the attachment.

Encl: Amended Page 8-23 of Appendix 8.6 Assumption and Baselines for Water Consumption

Signed: [Signature]
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Chair of Technical Review Committee
number of male employees each using the urinals four (4) times per day. The calculation should consider the actual flushing strategy employed. An estimate of the potential water savings is not able to be determined as it would be influenced by the number of male employees and the time interval of flushing.

**Hand Washing in Rest Rooms**
- Number of hand wash operations per occupant per day = 5
- Hand washing time = 10 seconds

For the base line building, the tap flow rate is 8.3 litres/min.

Note that to obtain significant savings the project space would need to install automatic controls such as proximity sensors to reduce the tap operation time to less than the default assumption of 10 seconds per hand washing operation.

**Water Use in Pantries/ Kitchen**
For non-residential,
- Number of pantry tap operations per occupant per day = 1

**Baseline faucet flow rate = 8.3 litres/min**
- Duration of use = 15 seconds
- Utensil washing operation carried out by hand = 6 litres of water per operation

For residential,
- Number of use per resident per day = 4
- **Baseline faucet flow rate = 8.3 litres/min**
- **Duration of use = 60 seconds**

**Showers**
- Number of use of shower per occupant per day = 0.1 (for non-residential)
- Number of use of shower per resident per day = 1 (for residential)
- **The baseline shower flow rate = 9.5 litres/min**
- **Shower duration = 5 minutes (300 seconds)**

**Other Appliances/ Equipment**
Justification for capacities of appliance/equipment used in the benchmark building shall be provided by making reference to regulations, standards, guides and other publication published by various authorities.