

WAT 1 - Calculator

Code for Sustainable Homes

Site Information	
Site Name	Sundown
Reg Number	
Street 1	
Street 2	
Area	
Town or City	
Post Code	

Installation Type	Average Capacity/Flow Rate	Litres/Person/Day
Single Flush WC's	0	0
Dual Flush WC's	3.99	17.66
All WC's	3.99	17.64
Kitchen/Utility Room Taps	5	12.56
Other Taps	5	9.48
Baths	160	17.6
Showers	8	34.96
Dishwashers	1.25	4.5
Washing Machines	8.17	17.16
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	113.9 Litres/Person/Day	
Contribution from Rain Water	0 Litres/Person/Day	
Contribution from Grey Water	0 Litres/Person/Day	
Normalisation Factor	0.91 Litres/Person/Day	

Code for Sustainable Homes - Consumptions & Credits	
Water Consumption (Code for Sustainable Homes)	103.6 Litres/Person/Day
Credits Scored	3

Building Regulations 2000 AD Part G (2010 Ed) - Consumption	
External Water Use	5 Litres/Person/Day
Water Consumption (Building Regulation 17 K)	108.6 Litres/Person/Day

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Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Kitchen & Utility Mixers	5	2	10	0	0	10
Total Litres/Person/Day Gross						12.56
Total Litres/Person/Day Gross						12.56

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Washbasins	5	6	30	0	0	30
Total Litres/Person/Day Gross						9.48
Total Litres/Person/Day Gross						9.48

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
To Overflow	160	1	160	0	0	160
Total Litres/Person/Day Gross						17.6
Total Litres/Person/Day Gross						17.6

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Shower at Head	8	4	32	0	0	32
Total Litres/Person/Day Gross						34.96
Total Litres/Person/Day Gross						34.96

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Not Specified	8.17	1	8.17			8.17
Total Litres/Person/Day Gross						17.16
Total Litres/Person/Day Gross						17.16

Dishwashers						
Description	L/Place Setting	Qty	Total Water	Grey Water	Rain Water	Net Water
Not Specified	1.25	1	1.25	0	0	1.25
Total Litres/Person/Day Gross						4.5
Total Litres/Person/Day Gross						4.5

Single Flush WC's						
Description	Flush Volume	Qty	Total Water	Grey Water	Rain Water	Net Water
Total Litres/Person/Day Gross						0
Total Litres/Person/Day Gross						0

Dual Flush WC's						
Description	Flush Vol (P/F)	Qty	Total Water	Grey Water	Rain Water	Net Water
Split Flush	3.5/5	3	11.98			0
Total Litres/Person/Day Gross						17.66
Total Litres/Person/Day Gross						17.66

Ion Exchange Water Softener	
% of Total Capacity Used Per	
Water Consumed Per Regeneration	
Average Regeneration Cycles Per Day	
Occupants Served by the System	
Water Consumed Beyond 4%	
Water Consumed Beyond 4%	

Rain Water Collection	
Collection Area	
Yield Co-Efficient	
Hydraulic Filter Efficiency	
Average Rainfall	
Daily Rain Water Collection	
Number of Occupants	
Daily Rain Water Per Person	