

WAT 1 - Calculator

Code for Sustainable Homes

Site Information	
Site Name	Clarksville Farm
Reg Number	4 Bed Detached
Street 1	Saddlecote Close
Street 2	
Area	Crumpsall
Town or City	
Post Code	M8 5QE

Installation Type	Average Capacity/Flow Rate	Litres/Person/Day
Single Flush WC's	0	0
Dual Flush WC's	3.99	17.64
All WC's	3.99	17.64
Kitchen/Utility Room Taps	8.8	14.23
Other Taps	6	11.06
Baths	130	14.3
Showers	10	43.7
Dishwashers	1.25	4.5
Washing Machines	8.16	17.14
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	122.57 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)	111.5 Litres/Person/Day
Credits Scored	1

Building Regulations 2000 AD Part G (2010 Ed) - Consumption	
External Water Use	5 Litres/Person/Day
Water Consumption (Building Regulation 17 K)	116.5 Litres/Person/Day

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona Savoca Swan Neck	8.8	1	8.8	0	0	8.8
Total Litres/Person/Day Gross						14.23
Total Litres/Person/Day Gross						14.23

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Bristan Orta QT	6	3	18	0	0	18
Total Litres/Person/Day Gross						11.06
Total Litres/Person/Day Gross						11.06

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
Armitage Shanks Sandringham	130	1	130	0	0	130
Total Litres/Person/Day Gross						14.3
Total Litres/Person/Day Gross						14.3

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Bristan Frenzy	12	1	12	0	0	12
Triton Aspirante 8.5KW	8	1	8	0	0	8
Total Litres/Person/Day Gross						43.7
Total Litres/Person/Day Gross						43.7

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Default	8.16	1	8.16			8.16
Total Litres/Person/Day Gross						17.14
Total Litres/Person/Day Gross						17.14

Dishwashers						
Description	L/Place Setting	Qty	Total Water	Grey Water	Rain Water	Net Water
Default	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
Orchard Wharfe	3/6	3	11.97			0
Total Litres/Person/Day Gross						17.64
Total Litres/Person/Day Gross						17.64

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	