

WAT 1 - Calculator
Code for Sustainable Homes



Site Information	
Site Name	24a Westfield Avenue
Reg Number	
Street 1	
Street 2	
Area	Sticklepath
Town or City	Barnstaple
Post Code	EX31 2DZ

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	9	14.32
Other Taps	6	11.06
Baths	230	25.3
Showers	9	39.33
Dishwashers	1.25	4.5
Washing Machines	8.17	17.16
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	129.31 Litres/Person/Day	
Contribution from Rain Water	0 Litres/Person/Day	
Contribution from Grey Water	0 Litres/Person/Day	
Normalisation Factor	0 Litres/Person/Day	
SAMPLE		
Code for Sustainable Homes - Consumption Credits		
Water Consumption (Code for Sustainable Homes)	1	person/day
Credits Scored	1	
Building Regulations 2009 AD Part G (2010 Ed) - Consumption		
External Water Use	5 Litres/Person/Day	
Water Consumption (Building Regulation 17 K)	122.7 Litres/Person/Day	

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Kitchen Tap	9	1	9	0	0	9
Utility Room Tap	9	1	9	0	0	9
Total Litres/Person/Day Gross						14.32
Total Litres/Person/Day Gross						14.32

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Downstairs W/C Tap	6	1	6	0	0	6
Main Bathroom Tap	6	1	6	0	0	6
Master	6	1	6	0	0	6
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
Main Bathroom Bath	230	1	230	0	0	230
Master Bedroom En-Suite Bath	230	1	230	0	0	230
Total Litres/Person/Day Gross						25.3
Total Litres/Person/Day Gross						25.3

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Main Bathroom Shower	9	1	9	0	0	9
Master Bedroom En-Suite Shower	9	1	9	0	0	9
Total Litres/Person/Day Gross						39.33
Total Litres/Person/Day Gross						39.33

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Washing Machine	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
Dishwasher	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
Downstairs W/C Toilet	3/6	1	3.99			0
Main Bathroom Toilet	3/6	1	3.99			0
Master Bedroom En-Suite Toilet	3/6	1	3.99			0
Total Litres/Person/Day Gross						17.64
Total Litres/Person/Day Gross						17.64

SAMPLE

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	

SAMPLE