WAT 1 - Calculator
Code for Sustainable Homes

Site Information	
Site Name	OFFSET DWELLING
Reg Number	
Street 1	45A Barleycroft
Street 2	
Area	Cowfold
Town or City	Horsham
Post Code	RH13 8DP

Installation Type	Average Capacity/Flow Rate	Litres/Person/Day
Single Flush WC's	0	0
Dual Flush WC's	2.93	12.94
All WC's	2.93	12.95
Kitchen/Utility Room Taps	4	12.12
Other Taps	4	7.9
Baths	170	18.7
Showers	6	26.22
Dishwashers	0.67	2.41
Washing Machines	8.17	17.16
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	97.46 Litres/Person/Day	
Contribution from Rain Water	30.11 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)	61.3 Litres/Person/Day
Credits Scored	5

Building Regulations 2000 AD Part G (2010 Ed) - Consumption	
External Water Use	5 Litres/Person/Day
Water Consumption (Building Regulation 17 K)	66.3 Litres/Person/Day

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Kitchen & utility sinks	4	2	8	0	0	8
Total Litres/Person/Day Gross						12.12
Total Litres/Person/Day Gross						12.12

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Basins in w.c and bathroom	4	2	8	0	0	8
Total Litres/Person/Day Gross						7.9
Total Litres/Person/Day Gross						7.9

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
Bathroom in bathroom	170	1	170	0	0	170
Total Litres/Person/Day Gross						18.7
Total Litres/Person/Day Gross						18.7

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Shower in bathroom	6	1	6	0	0	6
Total Litres/Person/Day Gross						26.22
Total Litres/Person/Day Gross						26.22

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Washing machine in utility room	8.17	1	8.17		8.17	0
Total Litres/Person/Day Gross						17.16
Total Litres/Person/Day Gross						0

Dishwashers						
Description	L/Place Setting	Qty	Total Water	Grey Water	Rain Water	Net Water
Dishwasher in kitchen	0.67	1	0.67	0	0	0.67
Total Litres/Person/Day Gross						2.41
Total Litres/Person/Day Gross						2.41

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
W.Cs in w.c and bathroom	2.4/4	2	5.86		5.86	-5.86
Total Litres/Person/Day Gross						12.94
Total Litres/Person/Day Gross						0

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	80
Yield Co-Efficient	0.9
Hydraulic Filter Efficiency	0.9
Average Rainfall	742
Daily Rain Water Collection	131.73
Number of Occupants	4
Daily Rain Water Per Person	32.93