



INFORMATION REQUIRED FOR WATER CALCULATION

Please complete the tables below in as much detail as you can to enable us to optimise your sanitary ware and white goods provision.

Water calculations are required by Building Control under Approved Doc G and also sometimes to discharge a planning condition or towards a Code for Sustainable Homes assessment. The maximum water usage allowed differs depending on the requirement. Please confirm your target water usage.

BUILDING REGULATIONS	125 LITRES	
PLANNING CONDITION	110 LITRES	
CODE FOR SUSTAINABLE HOMES LEVEL 3/4	105 LITRES	

The calculation looks at the water usage per person per day therefore the total water usage is dependent on the type of fitting and it's water usage rather than how many people are in the dwelling . For example, if all baths in the dwelling have the same volume, then the total water usage will not change if there are more people or more baths. If there are 2 baths with different volumes, then the usage will be apportioned appropriately.

SES will calculate the water usage from the information provided and then optimise the shower and tap water usage within the limits allowed for your target requirement. Where further flow restriction is required to meet compliance, the water calculation will detail the maximum flow rate for these fittings. This can be achieved by fitting flow restrictors. These are cheap and can be easily installed by your plumber.

DWELLING TYPE OR SPECIFIC PLOT DETAILS	
NUMBER OF BEDROOMS	
NUMBER OF BATHROOMS	

FITTING	GUIDANCE	MAKE & MODEL	PRODUCT WATER USAGE	NUMBER TO BE INSTALLED PER DWELLING
Dual Flush WC	Provide the make & model of your WC cistern together with the flush volumes for full and part flush		Dual Flush / litres	
Single Flush WC	Provide the make & model of your WC cistern together with the flush volume for the full flush		Single Flush litres	
Bathroom Basin Tap Type 1	Provide the make & model of the basin taps together with any flow restriction incorporated in the taps		Max flow rate litres/minute	
Bathroom Basin Tap Type 2	Provide the make & model of the basin taps together with any flow restriction incorporated in the taps		Max flow rate litres/minute	
Sink Taps (Kitchen/Utility)	Provide the make & model of the sink taps together with any flow restriction incorporated in the taps		Max flow rate litres/minute	
Bath Type 1	Provide the make & model of the bath together with the volume to overflow. Taps are not considered	 litres	
Bath Type 2	Provide the make & model of the bath together with the volume to overflow. Taps are not considered.	 litres	
Shower Type 1	Provide the make & model of your wall mounted or over-bath shower together with any flow restriction incorporated.		Max flow rate litres/minute	
Shower Type 2	Provide the make & model of your wall mounted or over-bath shower together with any flow restriction incorporated.		Max flow rate litres/minute	
Shower Type 3	Provide the make & model of your wall mounted or over-bath shower together with any flow restriction incorporated.		Max flow rate litres/minute	

FITTING	GUIDANCE	MAKE & MODEL	PRODUCT WATER USAGE	NUMBER TO BE INSTALLED PER DWELLING
Washing Machine	Provide the make & model of your washing machine. If you haven't yet chosen your appliance or are not fitting one then default figures are used.		SES to obtain	
Dishwasher	Provide the make & model of your dishwasher. If you haven't yet chosen your appliance or are not fitting one then default figures are used.		SES to obtain	

If you are providing the following features, please continue to complete the details required:

FITTING	GUIDANCE	MAKE & MODEL	DATA REQUIRED	
Water Softener	Provide the make & model of your water softener.		Total capacity used by regeneration %	
			Water consumed per regeneration litres	
			Average no. of regeneration cycles/day	
			No. of occupants served by the system	
Waste Disposal Unit	Are you fitting a waste disposal system?	Details not required	YES / NO	
Greywater System	Your plumber or architect will be able to assist with these details.	Details not required	How many basin taps feed the greywater system?	
			How many showers feed the greywater system?	
			How many baths feed the greywater system?	
			Which WCs are fitted with greywater cisterns?	
			Which washing machines receive greywater?	

FITTING	GUIDANCE	MAKE & MODEL	DATA REQUIRED	
Rainwater Harvesting	Your engineer or supplier will be able to assist with these details.	Details not required	How many dwellings does the rainwater system serve?	
			What is the rainwater collection area? m2
			What is the yield co-efficient?
			What is the hydraulic filter efficiency?
			What is the average rainfall? mm/yr
			What is the number of occupants served by the system (bed spaces)?	
			Which WCs are served by the rainwater system?	
			Which washing machines are served by the rainwater system?	

If you have any queries, please do not hesitate to contact the Sustainability Team on 01279 873380

THANK YOU