As Built Water Consumption Calculations

Flats 1-5, 15 St. Leonards Road, Horsham,
West Sussex, RH13 6EH

For

Sussex Capital Holdings Ltd
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They are members of CIBSE Low Carbon Consultants.

Melin Consultants fully check all work prior to completion and a robust audit trail exists to demonstrate accountability.

All information within this document is based on evidence provided in the form of drawings and specifications.

CPD (Continual Professional Development) records are kept and all technical staff are required to complete a minimum 20 hours per year in training activities.

Low Carbon Consultants have the expertise and necessary qualifications to offer advice in a professional capacity on matters relating to Part L of the Building Regulations and sustainability within the construction sector.

This document contains the following information:

1. Assessment Criteria
2. Water Efficiency
3. Results

Appendix 1. Water Calculation Outputs

Project Ref: 305011

Report Date: 28/05/2025

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1. Assessment Criteria

New dwellings need to reach one of the performance targets below, depending on the development's requirements.

Performance Target	Maximum consumption of potable water (litres/person/day)
Building Regulations Part G	125
Code for Sustainable Homes (Level 1/2)	120
Building Regulations Part G Enhanced Requirement	110
Code for Sustainable Homes (Level 3/4)	105
Code for Sustainable Homes (Level 5/6)	80

This project is required to meet Building Regulation Part G requirements of 125 litres/person/day.

2. Water efficiency

In the UK every person uses approximately 150 litres of water a day, whilst consumption in our homes has steadily increased every year by around 1% since 1930 as we enjoy better standards of cleanliness and greater use of water-using appliances.

Increased consumption and a growing number of households has put more pressure on water supplies and it is likely that this problem will worsen as our climate changes.

From April 2010 Part G of the Building Regulations requires new dwellings to limit maximum water usage to 125 litres per person per day, whilst dwellings assessed under The Code for Sustainable Homes are required to achieve a lower maximum water usage levels. Water efficiency has now become an issue that must be embraced by designers, specifiers and house builders.

What is needed for a water usage calculation?

The calculation method requires the use of water consumption figures provided from manufacturers product details. In order to calculate predicted water usage of a dwelling the following information is collected to determine the consumption of each fitting:

- Whether the dwelling has a low or high-water pressure system.
- Kitchen, utility and other taps – The quantity of taps as well as the flow rates in litres per minute for each tap. Where separate hot and cold taps are provided the flow rate of each is taken to determine the average.
- Baths – The quantity of baths and the capacity to overflow in litres. The flow rates of the bath taps are not required. Jacuzzis are not included in the water efficiency calculation.
- Showers – The quantity of showers and the cold-water flow rate.
- WC's – The quantity of toilets and flush capacity in litres of both single and dual flushes (part and full flush).
- Dishwashers – The water usage in litre per place setting. If no dishwasher is present in the development, then a generic figure of 1.25 litres per place setting is used. This will allow for any future installations.
- Washing machines – The water usage in litre per kilogram of dry load. If no washing machine is present in the development, then a generic figure of 8.17 litres per kilogram of dry load is used. This will allow for any future installations.

External taps are included in Building Regulation calculations at a fixed rate of 5 litres per person per day. External water use is not included in the target consumption rates for Code for Sustainable Homes.

3. Summary of results

3.1. Flat 1

This table provides a summary of the appliances water usage as well as providing the dwellings overall water consumption (litres/person/day). This demonstrates that a Total Water Consumption of 116.7 litres/person/day has been achieved at *'as built'* stage. The value below also includes the 5 litres/person/day required by Building Regulations for external water usage.

Appliance	Qty.	Water Usage	
Kitchen/Utility Mixer taps	1	10 litres per minute	
All other taps	3	8.5 litres per minute	
Showers	1	12 litres per minute	
Dual flush toilets	2	Part (capacity in litres)	Full (capacity in litres)
		3	6
Dishwashers	1	0.79 litres per place setting	
Washing machine	1	5.13 litres per dry kg load	
Total water consumption: 121.7 litres per person per day			

3.2. Flat 2

This table provides a summary of the appliances water usage as well as providing the dwellings overall water consumption (litres/person/day). This demonstrates that a Total Water Consumption of 116.3 litres/person/day has been achieved at *'as built'* stage. The value below also includes the 5 litres/person/day required by Building Regulations for external water usage.

Appliance	Qty.	Water Usage	
Kitchen/Utility Mixer taps	1	10 litres per minute	
All other taps	1	8.5 litres per minute	
Baths	1	130 capacity in litres	
Showers	2	12 litres per minute	
Dual flush toilets	2	Part (capacity in litres)	Full (capacity in litres)
		3	6
Dishwashers	1	0.79 litres per place setting	
Washing machine	1	5.13 litres per dry kg load	
Total water consumption: 121.3 litres per person per day			

3.3. Flat 3

This table provides a summary of the appliances water usage as well as providing the dwellings overall water consumption (litres/person/day). This demonstrates that a Total Water Consumption of 117.4 litres/person/day has been achieved at *'as built'* stage. The value below also includes the 5 litres/person/day required by Building Regulations for external water usage.

Appliance	Qty.	Water Usage	
Kitchen/Utility Mixer taps	1	10 litres per minute	
All other taps	1	9 litres per minute	
Showers	1	12 litres per minute	
Dual flush toilets	1	Part (capacity in litres)	Full (capacity in litres)
		3	6
Dishwashers	1	0.79 litres per place setting	
Washing machine	1	5.13 litres per dry kg load	
Total water consumption: 122.4 litres per person per day			

3.4. Flat 4

This table provides a summary of the appliances water usage as well as providing the dwellings overall water consumption (litres/person/day). This demonstrates that a Total Water Consumption of 116.7 litres/person/day has been achieved at *'as built'* stage. The value below also includes the 5 litres/person/day required by Building Regulations for external water usage.

Appliance	Qty.	Water Usage	
Kitchen/Utility Mixer taps	1	10 litres per minute	
All other taps	2	8.5 litres per minute	
Showers	2	12 litres per minute	
Dual flush toilets	2	Part (capacity in litres)	Full (capacity in litres)
		3	6
Dishwashers	1	0.79 litres per place setting	
Washing machine	1	5.13 litres per dry kg load	
Total water consumption: 121.7 litres per person per day			

3.5. Flat 5

This table provides a summary of the appliances water usage as well as providing the dwellings overall water consumption (litres/person/day). This demonstrates that a Total Water Consumption of 118.2 litres/person/day has been achieved at *'as built'* stage. The value below also includes the 5 litres/person/day required by Building Regulations for external water usage.

Appliance	Qty.	Water Usage	
Kitchen/Utility Mixer taps	1	10 litres per minute	
All other taps	2	8.5 litres per minute	
Showers	2	12 litres per minute	
Dual flush toilets	2	Part (capacity in litres)	Full (capacity in litres)
		3	6
Dishwashers*	1	1.25 litres per place setting	
Washing machine	1	5.13 litres per dry kg load	
Total water consumption: 123.2 litres per person per day			

* Default figure of 1.25 allowed for as no dishwasher installed. This will allow for any future installations.

4. Total water consumption

Based on the average occupancy for dwellings within Horsham the total water consumption for the development can be anticipated as follows:

Dwelling	Flat Type	Occupancy rate	Water consumption (litres/person/day)	Total consumption (litres/day)
Flat 1	2 Bedroom	1.88	121.7	228.796
Flat 2	2 Bedroom	1.88	121.3	228.044
Flat 3	1 Bedroom	1.32	122.4	161.568
Flat 4	2 Bedroom	1.88	121.7	228.796
Flat 5	2 Bedroom	1.88	123.2	231.616
Total				1,078.82

The total water consumption for the dwelling can be anticipated at 1,078.82 litres per day.

Appendix 1: Water Calculations Outputs

WAT 1 - Calculator
Code for Sustainable Homes

Site Information	
Site Name	305011
Reg Number	Flat 1
Street 1	15 St Leonards Road
Street 2	
Area	Horsham
Town or City	West Sussex
Post Code	RH13 6EH

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	10	14.76
Other Taps	8.5	15.01
Baths	0	0
Showers	12	67.2
Dishwashers	0.79	2.84
Washing Machines	5.13	10.77
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	128.22 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)	116.7 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)	121.7 Litres/Person/Day

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Rienza, Tap3545	10	1	10	0	0	10
Total Litres/Person/Day Gross						14.76
Total Litres/Person/Day Gross						14.76

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Sottini Tesino	8.5	3	25.5	0	0	25.5
Total Litres/Person/Day Gross						15.01
Total Litres/Person/Day Gross						15.01

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
Total Litres/Person/Day Gross						0
Total Litres/Person/Day Gross						0

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Kartell Nero	12	1	12	0	0	12
Total Litres/Person/Day Gross						67.2
Total Litres/Person/Day Gross						67.2

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8740	5.13	1	5.13	0		5.13
Total Litres/Person/Day Gross						10.77
Total Litres/Person/Day Gross						10.77

Dishwashers						
Description	L/Place Setting	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8607	0.79	1	0.79	0	0	0.79
Total Litres/Person/Day Gross						2.84
Total Litres/Person/Day Gross						2.84

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
Roper Rhodes Torrent	3/6	2	7.98	0		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	

WAT 1 - Calculator
Code for Sustainable Homes

Site Information	
Site Name	305011
Reg Number	Flat 2
Street 1	15 St Leonards Road
Street 2	
Area	Horsham
Town or City	West Sussex
Post Code	RH13 6EH

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	10	14.76
Other Taps	8.5	15.01
Baths	130	14.3
Showers	12	52.44
Dishwashers	0.79	2.84
Washing Machines	5.13	10.77
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	127.76 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)	116.3 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)	121.3 Litres/Person/Day

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Rienza, Tap3545	10	1	10	0	0	10
Total Litres/Person/Day Gross						14.76
Total Litres/Person/Day Gross						14.76

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Cruze	8.5	1	8.5	0	0	8.5
Total Litres/Person/Day Gross						15.01
Total Litres/Person/Day Gross						15.01

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
Cruze shower bath	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
Kartell Nero	12	2	24	0	0	24
Total Litres/Person/Day Gross						52.44
Total Litres/Person/Day Gross						52.44

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8740	5.13	1	5.13	0		5.13
Total Litres/Person/Day Gross						10.77
Total Litres/Person/Day Gross						10.77

Dishwashers						
Description	L/Place Setting	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8607	0.79	1	0.79	0	0	0.79
Total Litres/Person/Day Gross						2.84
Total Litres/Person/Day Gross						2.84

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
Roper Rhodes Torrent	3/6	2	7.98	0		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	

WAT 1 - Calculator
Code for Sustainable Homes

Site Information	
Site Name	305011
Reg Number	Flat 3
Street 1	15 St Leonards Road
Street 2	
Area	Horsham
Town or City	West Sussex
Post Code	RH13 6EH

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	10	14.76
Other Taps	9	15.8
Baths	0	0
Showers	12	67.2
Dishwashers	0.79	2.84
Washing Machines	5.13	10.77
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	129.01 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)	117.4 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)	122.4 Litres/Person/Day

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Rienza, Tap3545	10	1	10	0	0	10
Total Litres/Person/Day Gross						14.76
Total Litres/Person/Day Gross						14.76

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Keswick T322502	9	1	9	0	0	9
Total Litres/Person/Day Gross						15.8
Total Litres/Person/Day Gross						15.8

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
Total Litres/Person/Day Gross						0
Total Litres/Person/Day Gross						0

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Kartell Nero	12	1	12	0	0	12
Total Litres/Person/Day Gross						67.2
Total Litres/Person/Day Gross						67.2

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8740	5.13	1	5.13	0		5.13
Total Litres/Person/Day Gross						10.77
Total Litres/Person/Day Gross						10.77

Dishwashers						
Description	L/Place Setting	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8607	0.79	1	0.79	0	0	0.79
Total Litres/Person/Day Gross						2.84
Total Litres/Person/Day Gross						2.84

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
Roper Rhodes Torrent	3/6	1	3.99	0		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	

WAT 1 - Calculator
Code for Sustainable Homes

Site Information	
Site Name	305011
Reg Number	Flat 4
Street 1	15 St Leonards Road
Street 2	
Area	Horsham
Town or City	West Sussex
Post Code	RH13 6EH

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	10	14.76
Other Taps	8.5	15.01
Baths	0	0
Showers	12	67.2
Dishwashers	0.79	2.84
Washing Machines	5.13	10.77
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	128.22 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)	116.7 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)	121.7 Litres/Person/Day

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Rienza, Tap3545	10	1	10	0	0	10
Total Litres/Person/Day Gross						14.76
Total Litres/Person/Day Gross						14.76

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Roper Rhodes Crew Basin	8.5	2	17	0	0	17
Total Litres/Person/Day Gross						15.01
Total Litres/Person/Day Gross						15.01

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
Total Litres/Person/Day Gross						0
Total Litres/Person/Day Gross						0

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Roper Rhodes Crew Dual	12	2	24	0	0	24
Total Litres/Person/Day Gross						67.2
Total Litres/Person/Day Gross						67.2

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8740	5.13	1	5.13	0		5.13
Total Litres/Person/Day Gross						10.77
Total Litres/Person/Day Gross						10.77

Dishwashers						
Description	L/Place Setting	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8607	0.79	1	0.79	0	0	0.79
Total Litres/Person/Day Gross						2.84
Total Litres/Person/Day Gross						2.84

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
Roper Rhodes Comfort/Torrent	3/6	2	7.98	0		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	

WAT 1 - Calculator
Code for Sustainable Homes

Site Information	
Site Name	305011
Reg Number	Flat 5
Street 1	15 St Leonards Road
Street 2	
Area	Horsham
Town or City	West Sussex
Post Code	RH13 6EH

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	10	14.76
Other Taps	8.5	15.01
Baths	0	0
Showers	12	67.2
Dishwashers	1.25	4.5
Washing Machines	5.13	10.77
Water Softener		
Waste Disposal Unit	Not Present	0
Total Water Use	129.88 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)	118.2 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)	123.2 Litres/Person/Day

Kitchen/Utility Room Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Rienza, Tap3545	10	1	10	0	0	10
Total Litres/Person/Day Gross						14.76
Total Litres/Person/Day Gross						14.76

Other Taps						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Kartell Mirage	8.5	2	17	0	0	17
Total Litres/Person/Day Gross						15.01
Total Litres/Person/Day Gross						15.01

Baths						
Description	Capacity	Qty	Total Water	Grey Water	Rain Water	Net Water
Total Litres/Person/Day Gross						0
Total Litres/Person/Day Gross						0

Showers						
Description	Flow Rate	Qty	Total Water	Grey Water	Rain Water	Net Water
Kartell Nero	12	1	12	0	0	12
Esteem Narva	12	1	12	0	0	12
Total Litres/Person/Day Gross						67.2
Total Litres/Person/Day Gross						67.2

Washing Machines						
Description	L/Kg Dry Load	Qty	Total Water	Grey Water	Rain Water	Net Water
Lamona LAM8740	5.13	1	5.13	0		5.13
Total Litres/Person/Day Gross						10.77
Total Litres/Person/Day Gross						10.77

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
Roper Rhodes Torrent	3/6	2	7.98	0		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	