

ROWE COURT,
Grovesland Road, Reading, RG30 2HZ

Water Efficiency Calculations



Kent (HQ) | London | Swansea



Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 1, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 2, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

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3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 3, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

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3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 4, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 5, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
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Has a dishwasher been specified?	Yes

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3rd step - Enter consumption details for the specified fittings

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Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
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DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
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	2			
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WC's				
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KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
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WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

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4th step - Analyse Results[Go to Start](#)

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 6, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

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3			
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Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
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	2			
	3			
	4			
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SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
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	3			
	4			
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		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
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	2			
	3			
	4			

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		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 7, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
	Proportionate flow rate (litres/min)		2.10
	Consumption / person / day (Litres)		6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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PRINTING: before printing please make sure that in "Page Setup" you have selected the page to be as "Landscape" and that the Scale has been set up to 75% (maximum)



Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 8, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
	Proportionate flow rate (litres/min)		2.10
	Consumption / person / day (Litres)		6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 9, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 10, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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PRINTING: before printing please make sure that in "Page Setup" you have selected the page to be as "Landscape" and that the Scale has been set up to 75% (maximum)



Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 11, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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PRINTING: before printing please make sure that in "Page Setup" you have selected the page to be as "Landscape" and that the Scale has been set up to 75% (maximum)



Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 12, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
	Proportionate flow rate (litres/min)		2.10
	Consumption / person / day (Litres)		6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 13, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 14, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no:	P2431		
Date:	05/04/2023		
Assessor name:	J. Seager		
Registration no:			
Development name:	Unit 15, Rowe Court		
Issue Date:			

Rainwater	Greywater	Results
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WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description	
-----------------------------	--

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)		Fitting type	Flow rate (litres/min)	Number of fittings
	1		3.00	2
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			2.10
	Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 16, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
	Proportionate flow rate (litres/min)		2.10
	Consumption / person / day (Litres)		6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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PRINTING: before printing please make sure that in "Page Setup" you have selected the page to be as "Landscape" and that the Scale has been set up to 75% (maximum)



Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 17, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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PRINTING: before printing please make sure that in "Page Setup" you have selected the page to be as "Landscape" and that the Scale has been set up to 75% (maximum)



Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 18, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	

WC's	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	

KITCHEN SINK TAPS	Fitting Type	Flow rate (litres/minute)	Number of fittings
1		5.00	1
2			
3			
4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

WATER SOFTENER	
Water Softener in use?	No
Total capacity used per regeneration (%)	
Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 19, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no:	P2431		
Date:	05/04/2023		
Assessor name:	J. Seager		
Registration no:			
Development name:	Unit 20, Rowe Court		
Issue Date:			

Rainwater	Greywater	Results
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WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description	
-----------------------------	--

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
	Proportionate flow rate (litres/min)		2.10
	Consumption / person / day (Litres)		6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 21, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 22, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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PRINTING: before printing please make sure that in "Page Setup" you have selected the page to be as "Landscape" and that the Scale has been set up to 75% (maximum)



Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 23, Rowe Court

Issue Date:

Rainwater

Greywater

Results

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS

(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

Dwelling Description

1st step - Select from options below:

Is a Rain and/or Greywater system specified?	No
Is a shower AND bath present?	Yes
Has a washing machine been specified?	Yes
Has a dishwasher been specified?	Yes

2nd step - Build spreadsheet (click button below)

BUILD SPREADSHEET

As soon as this button is pressed the spreadsheet will change according to the options selected previously in the 1st step. Scroll down to see the changes.

3rd step - Enter consumption details for the specified fittings

TAPS (excluding kitchen taps)	Fitting type	Flow rate (litres/min)	Number of fittings
1		3.00	2
2			
3			
4			
Proportionate flow rate (litres/min)			2.10
Consumption / person / day (Litres)			6.32

BATHS		Fitting type	Capacity to overflow (litres)	Number of fittings
	1		170.00	1
	2			
	3			
	4			
	Proportionate capacity to overflow (litres)			119.00
		Consumption / person / day (Litres)		18.70

SHOWERS		Fitting type	Flow rate (litres/min)	Number of fittings
	1		9.00	1
	2			
	3			
	4			
	Proportionate flow rate (litres/min)			6.30
		Consumption / person / day (Litres)		39.33

DISHWASHER		Fitting Type	Litres per place setting	Number of fittings
	1		1.25	1
	2			
	3			
	4			
	Proportionate litres per place setting			0.88
		Consumption / person / day (Litres)		4.50

WASHING MACHINES		Fitting Type	Litres per kilogram of dry load	Number of fittings
	1		8.17	1
	2			
	3			
	4			

Where no washing machines have been specified but plumbing for future supply of grey/rainwater was installed, please enter details:				
		Proportionate of litres/kg of dry load	5.72	
		Consumption / person / day (Litres)	17.16	
WC's				
	Fitting Type	Flush Type	Volume**	Number of fittings
1		Full Flush	5.00	1
		Part Flush	3.00	
2		Full Flush		
		Part Flush		
3		Full Flush		
		Part Flush		
4		Full Flush		
		Part Flush		
		Average effective flushing volume (litres)	3.66	
		Consumption / person / day (Litres)	16.18	
KITCHEN SINK TAPS				
	Fitting Type	Flow rate (litres/minute)	Number of fittings	
1 2 3 4		5.00	1	
		Proportionate flow rate (litres/min)	3.50	
		Consumption / person / day (Litres)	12.56	
WASTE DISPOSAL UNIT				
Is a waste disposal unit specified for the dwelling?		No		
		Consumption / person / day (Litres)	0.00	
WATER SOFTENER				
Water Softener in use?		No		
Total capacity used per regeneration (%)				
Water consumed per regeneration (litres)				
Average number of regeneration cycles per day (No.)				

Number of occupants served by the system (No.)	
Water consumed beyond 4% person / day (Litres)	0.00

4th step - Analyse Results[Go to Start](#)

INTERNAL WATER CONSUMPTION		
NET INTERNAL WATER CONSUMPTION	(litres/person/day)	114.75
RAINWATER ONLY COLLECTION SAVING	(litres/person/day)	0.00
GREYWATER ONLY RECYCLING SAVING	(litres/person/day)	0.00
RAIN/GREYWATER COLLECTION SAVING (combined system)	(litres/person/day)	0.00
NORMALISATION FACTOR	(litres/person/day)	0.91
TOTAL WATER CONSUMPTION	(litres/person/day)	104.4
CSH CREDITS ACHIEVED		3
CSH MANDATORY LEVEL:		Level 3/4

17. K COMPLIANCE		
EXTERNAL WATER USE	(litres / person / day)	5.00
TOTAL WATER CONSUMPTION	(litres / person / day)	109.4
17. K COMPLIANCE?		Yes

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Job no: P2431

Date: 05/04/2023

Assessor name: J. Seager

Registration no:

Development name: Unit 24, Rowe Court

Issue Date:

Rainwater

Greywater

Results

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(for use with the Code for Sustainable Homes issues Wat 1 for the May 2009 and subsequent versions)

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4			
		Proportionate flow rate (litres/min)	3.50
		Consumption / person / day (Litres)	12.56

WASTE DISPOSAL UNIT	
Is a waste disposal unit specified for the dwelling?	No
	Consumption / person / day (Litres)
	0.00

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Water Softener in use?	No
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Water consumed per regeneration (litres)	
Average number of regeneration cycles per day (No.)	

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4th step - Analyse Results[Go to Start](#)

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