

## Water efficiency calculator for Type 1B1P, Camden Goods Yard, London, NW1 8EH (ST.CGY.NW1-45)

This calculation complies with the methodology used under 'Part G (2015) Enhanced' for use in England.

**Table A1: The water efficiency calculator**

Installation type	Unit of measure	Capacity / Flow rate	Use factor	Fixed use litres/person/day	Litres per person per day
<b>WC</b> (single flush)	Flush volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>WC</b> (dual flush)	Full flush volume (litres)	6.0	<b>1.46</b>	<b>0</b>	<b>8.76</b>
	Part flush volume (litres)	3.0	<b>2.96</b>	<b>0</b>	<b>8.88</b>
<b>WCs</b> (multiple fittings)	Average effective flushing volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>Taps</b> (excluding kitchen / utility room taps)	Flow rate (litres per minute)	5.0	<b>1.58</b>	<b>1.58</b>	<b>9.48</b>
<b>Bath</b> (where shower also present)	Capacity to overflow (litres)	156.0	<b>0.11</b>	<b>0</b>	<b>17.16</b>
<b>Shower</b> (where bath also present)	Flow rate (litres per minute)	9.0	<b>4.37</b>	<b>0</b>	<b>39.33</b>
<b>Bath only</b>	Capacity to overflow (litres)	0.0	<b>0.50</b>	<b>0</b>	<b>0.00</b>
<b>Shower only</b>	Flow rate (litres per minute)	0.0	<b>5.60</b>	<b>0</b>	<b>0.00</b>
<b>Kitchen / utility room sink taps</b>	Flow rate (litres per minute)	6.0	<b>0.44</b>	<b>10.36</b>	<b>13.00</b>
<b>Washing machine</b>	Litres/kg of dry load	5.1	<b>2.10</b>	<b>0</b>	<b>10.76</b>
<b>Dishwasher</b>	Litres/place setting	0.6	<b>3.60</b>	<b>0</b>	<b>2.16</b>
<b>Waste disposal unit</b>	Litres/use	0.0	<b>3.08</b>	<b>0</b>	<b>0.00</b>
<b>Water softener</b>	Litres/person/day	0.0	<b>1.00</b>	<b>0</b>	<b>0.00</b>
<b>Total calculated use</b>					<b>109.53</b>
Contribution from greywater (litres/person/day) from Table 4.6					<b>0.00</b>
Contribution from rainwater (litres/person/day) from Table 5.5					<b>0.00</b>
Normalisation factor					<b>0.91</b>
Total water consumption					<b>99.67</b>
External water use					<b>0.00</b>
<b>Total water consumption</b> (litres/person/day)					<b>99.67</b>
<b>Target</b>					<b>105.00</b>

Assessed by Ross Gorrod in the Energist Technical Team on 31/10/2024.  
Revision 0. Software version 5.05.

## Table A2: Consumption calculator

**Table A2.1:** Taps (excluding kitchen sink taps)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Basin 1	5.0	1	5.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.00
<b>Average flow rate (litres/min)</b>			5.00
<b>Maximum flow rate (litres/min)</b>			5.00
<b>Proportionate flow rate (litres/min)</b>			3.50

**Table A2.2:** Baths

Bath fitting type	Capacity to overflow (litres)	Quantity	Total per fitting type
Bath	156.0	1	156.0
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			156.0
<b>Average capacity to overflow (litres)</b>			156.0
<b>Highest capacity to overflow (litres)</b>			156.0
<b>Proportionate capacity to overflow (litres)</b>			109.2

**Table A2.3:** Taps (kitchen and utility room)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Utility	6.00	1	6.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			6.00
<b>Average flow rate (litres/min)</b>			6.00
<b>Maximum flow rate (litres/min)</b>			6.00
<b>Proportionate flow rate (litres/min)</b>			4.20

**Table A2.4:** Dishwashers

Type of dishwasher	Litres per place setting	Quantity	Total per fitting type
Miele G 5350 SCVi Active Plus	0.60	1	0.60
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			0.60
<b>Average (litres per place setting)</b>			0.60
<b>Highest (litres per place setting)</b>			0.60
<b>Proportionate (litres per place setting)</b>			0.42

**Table A2.5:** Washing machines

Type of washing machine	Litres per kg dry load	Quantity	Total per fitting type
Bosch WNA134U8GB	5.13	1	5.13
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.13
<b>Average (litres per kg of dry load)</b>			5.13
<b>Highest (litres per kg of dry load)</b>			5.13
<b>Proportionate (litres per kg of dry load)</b>			3.59

**Table A2.6:** Showers

Shower fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Shower	9.00	1	9.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			9.00
<b>Average flow rate (litres/min)</b>			9.00
<b>Highest flow rate (litres/min)</b>			9.00
<b>Proportionate flow rate (litres/min)</b>			6.30

**Table A2.7:** WCs

WC type	Effective flushing volume (litres)	Quantity	Total per fitting type
Toilet	3.99	1	3.99
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			3.99
<b>Average effective flushing volume (litres)</b>			3.99

**Table A3: Water softener consumption calculation**

Not applicable. Water softener not included.

**Table A4: Greywater demand calculations**

Not applicable. No greywater system present.

**Table A5: Rainwater collection calculation**

Not applicable. No rainwater system present.

## Water efficiency calculator for Type 1B2P, Camden Goods Yard, London, NW1 8EH (ST.CGY.NW1-45)

This calculation complies with the methodology used under 'Part G (2015) Enhanced' for use in England.

**Table A1: The water efficiency calculator**

Installation type	Unit of measure	Capacity / Flow rate	Use factor	Fixed use litres/person/day	Litres per person per day
<b>WC</b> (single flush)	Flush volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>WC</b> (dual flush)	Full flush volume (litres)	6.0	<b>1.46</b>	<b>0</b>	<b>8.76</b>
	Part flush volume (litres)	3.0	<b>2.96</b>	<b>0</b>	<b>8.88</b>
<b>WCs</b> (multiple fittings)	Average effective flushing volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>Taps</b> (excluding kitchen / utility room taps)	Flow rate (litres per minute)	5.0	<b>1.58</b>	<b>1.58</b>	<b>9.48</b>
<b>Bath</b> (where shower also present)	Capacity to overflow (litres)	156.0	<b>0.11</b>	<b>0</b>	<b>17.16</b>
<b>Shower</b> (where bath also present)	Flow rate (litres per minute)	9.0	<b>4.37</b>	<b>0</b>	<b>39.33</b>
<b>Bath only</b>	Capacity to overflow (litres)	0.0	<b>0.50</b>	<b>0</b>	<b>0.00</b>
<b>Shower only</b>	Flow rate (litres per minute)	0.0	<b>5.60</b>	<b>0</b>	<b>0.00</b>
<b>Kitchen / utility room sink taps</b>	Flow rate (litres per minute)	6.0	<b>0.44</b>	<b>10.36</b>	<b>13.00</b>
<b>Washing machine</b>	Litres/kg of dry load	5.1	<b>2.10</b>	<b>0</b>	<b>10.76</b>
<b>Dishwasher</b>	Litres/place setting	0.6	<b>3.60</b>	<b>0</b>	<b>2.16</b>
<b>Waste disposal unit</b>	Litres/use	0.0	<b>3.08</b>	<b>0</b>	<b>0.00</b>
<b>Water softener</b>	Litres/person/day	0.0	<b>1.00</b>	<b>0</b>	<b>0.00</b>
<b>Total calculated use</b>					<b>109.53</b>
Contribution from greywater (litres/person/day) from Table 4.6					<b>0.00</b>
Contribution from rainwater (litres/person/day) from Table 5.5					<b>0.00</b>
Normalisation factor					<b>0.91</b>
Total water consumption					<b>99.67</b>
External water use					<b>0.00</b>
<b>Total water consumption (litres/person/day)</b>					<b>99.67</b>
<b>Target</b>					<b>105.00</b>

Assessed by Ross Gorrod in the Energist Technical Team on 31/10/2024.  
Revision 0. Software version 5.05.

## Table A2: Consumption calculator

**Table A2.1:** Taps (excluding kitchen sink taps)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Basin 1	5.0	1	5.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.00
<b>Average flow rate (litres/min)</b>			5.00
<b>Maximum flow rate (litres/min)</b>			5.00
<b>Proportionate flow rate (litres/min)</b>			3.50

**Table A2.2:** Baths

Bath fitting type	Capacity to overflow (litres)	Quantity	Total per fitting type
Bath	156.0	1	156.0
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			156.0
<b>Average capacity to overflow (litres)</b>			156.0
<b>Highest capacity to overflow (litres)</b>			156.0
<b>Proportionate capacity to overflow (litres)</b>			109.2

**Table A2.3:** Taps (kitchen and utility room)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Utility	6.00	1	6.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			6.00
<b>Average flow rate (litres/min)</b>			6.00
<b>Maximum flow rate (litres/min)</b>			6.00
<b>Proportionate flow rate (litres/min)</b>			4.20

**Table A2.4:** Dishwashers

Type of dishwasher	Litres per place setting	Quantity	Total per fitting type
Miele G 5350 SCVi Active Plus	0.60	1	0.60
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			0.60
<b>Average (litres per place setting)</b>			0.60
<b>Highest (litres per place setting)</b>			0.60
<b>Proportionate (litres per place setting)</b>			0.42

**Table A2.5:** Washing machines

Type of washing machine	Litres per kg dry load	Quantity	Total per fitting type
Bosch WNA134U8GB	5.13	1	5.13
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.13
<b>Average (litres per kg of dry load)</b>			5.13
<b>Highest (litres per kg of dry load)</b>			5.13
<b>Proportionate (litres per kg of dry load)</b>			3.59

**Table A2.6:** Showers

Shower fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Shower	9.00	1	9.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			9.00
<b>Average flow rate (litres/min)</b>			9.00
<b>Highest flow rate (litres/min)</b>			9.00
<b>Proportionate flow rate (litres/min)</b>			6.30

**Table A2.7:** WCs

WC type	Effective flushing volume (litres)	Quantity	Total per fitting type
Toilet	3.99	1	3.99
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			3.99
<b>Average effective flushing volume (litres)</b>			3.99

**Table A3: Water softener consumption calculation**

Not applicable. Water softener not included.

**Table A4: Greywater demand calculations**

Not applicable. No greywater system present.

**Table A5: Rainwater collection calculation**

Not applicable. No rainwater system present.

## Water efficiency calculator for Type 2B3P, Camden Goods Yard, London, NW1 8EH (ST.CGY.NW1-45)

This calculation complies with the methodology used under 'Part G (2015) Enhanced' for use in England.

**Table A1: The water efficiency calculator**

Installation type	Unit of measure	Capacity / Flow rate	Use factor	Fixed use litres/person/day	Litres per person per day
<b>WC</b> (single flush)	Flush volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>WC</b> (dual flush)	Full flush volume (litres)	6.0	<b>1.46</b>	<b>0</b>	<b>8.76</b>
	Part flush volume (litres)	3.0	<b>2.96</b>	<b>0</b>	<b>8.88</b>
<b>WCs</b> (multiple fittings)	Average effective flushing volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>Taps</b> (excluding kitchen / utility room taps)	Flow rate (litres per minute)	5.0	<b>1.58</b>	<b>1.58</b>	<b>9.48</b>
<b>Bath</b> (where shower also present)	Capacity to overflow (litres)	156.0	<b>0.11</b>	<b>0</b>	<b>17.16</b>
<b>Shower</b> (where bath also present)	Flow rate (litres per minute)	9.0	<b>4.37</b>	<b>0</b>	<b>39.33</b>
<b>Bath only</b>	Capacity to overflow (litres)	0.0	<b>0.50</b>	<b>0</b>	<b>0.00</b>
<b>Shower only</b>	Flow rate (litres per minute)	0.0	<b>5.60</b>	<b>0</b>	<b>0.00</b>
<b>Kitchen / utility room sink taps</b>	Flow rate (litres per minute)	6.0	<b>0.44</b>	<b>10.36</b>	<b>13.00</b>
<b>Washing machine</b>	Litres/kg of dry load	5.1	<b>2.10</b>	<b>0</b>	<b>10.76</b>
<b>Dishwasher</b>	Litres/place setting	0.6	<b>3.60</b>	<b>0</b>	<b>2.16</b>
<b>Waste disposal unit</b>	Litres/use	0.0	<b>3.08</b>	<b>0</b>	<b>0.00</b>
<b>Water softener</b>	Litres/person/day	0.0	<b>1.00</b>	<b>0</b>	<b>0.00</b>
<b>Total calculated use</b>					<b>109.53</b>
Contribution from greywater (litres/person/day) from Table 4.6					<b>0.00</b>
Contribution from rainwater (litres/person/day) from Table 5.5					<b>0.00</b>
Normalisation factor					<b>0.91</b>
Total water consumption					<b>99.67</b>
External water use					<b>0.00</b>
<b>Total water consumption</b> (litres/person/day)					<b>99.67</b>
<b>Target</b>					<b>105.00</b>

Assessed by Ross Gorrod in the Energist Technical Team on 31/10/2024.  
Revision 0. Software version 5.05.

## Table A2: Consumption calculator

**Table A2.1:** Taps (excluding kitchen sink taps)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Basin 1	5.0	1	5.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.00
<b>Average flow rate (litres/min)</b>			5.00
<b>Maximum flow rate (litres/min)</b>			5.00
<b>Proportionate flow rate (litres/min)</b>			3.50

**Table A2.2:** Baths

Bath fitting type	Capacity to overflow (litres)	Quantity	Total per fitting type
Bath	156.0	1	156.0
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			156.0
<b>Average capacity to overflow (litres)</b>			156.0
<b>Highest capacity to overflow (litres)</b>			156.0
<b>Proportionate capacity to overflow (litres)</b>			109.2

**Table A2.3:** Taps (kitchen and utility room)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Utility	6.00	1	6.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			6.00
<b>Average flow rate (litres/min)</b>			6.00
<b>Maximum flow rate (litres/min)</b>			6.00
<b>Proportionate flow rate (litres/min)</b>			4.20

**Table A2.4:** Dishwashers

Type of dishwasher	Litres per place setting	Quantity	Total per fitting type
Miele G 5350 SCVi Active Plus	0.60	1	0.60
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			0.60
<b>Average (litres per place setting)</b>			0.60
<b>Highest (litres per place setting)</b>			0.60
<b>Proportionate (litres per place setting)</b>			0.42



**Table A2.5:** Washing machines

Type of washing machine	Litres per kg dry load	Quantity	Total per fitting type
Bosch WNA134U8GB	5.13	1	5.13
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.13
<b>Average (litres per kg of dry load)</b>			5.13
<b>Highest (litres per kg of dry load)</b>			5.13
<b>Proportionate (litres per kg of dry load)</b>			3.59

**Table A2.6:** Showers

Shower fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Shower	9.00	1	9.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			9.00
<b>Average flow rate (litres/min)</b>			9.00
<b>Highest flow rate (litres/min)</b>			9.00
<b>Proportionate flow rate (litres/min)</b>			6.30

**Table A2.7:** WCs

WC type	Effective flushing volume (litres)	Quantity	Total per fitting type
Toilet	3.99	1	3.99
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			3.99
<b>Average effective flushing volume (litres)</b>			3.99

**Table A3: Water softener consumption calculation**

Not applicable. Water softener not included.

**Table A4: Greywater demand calculations**

Not applicable. No greywater system present.

**Table A5: Rainwater collection calculation**

Not applicable. No rainwater system present.

## Water efficiency calculator for Type 2B4P, Camden Goods Yard, London, NW1 8EH (ST.CGY.NW1-45)

This calculation complies with the methodology used under 'Part G (2015) Enhanced' for use in England.

**Table A1: The water efficiency calculator**

Installation type	Unit of measure	Capacity / Flow rate	Use factor	Fixed use litres/person/day	Litres per person per day
<b>WC</b> (single flush)	Flush volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>WC</b> (dual flush)	Full flush volume (litres)	6.0	<b>1.46</b>	<b>0</b>	<b>8.76</b>
	Part flush volume (litres)	3.0	<b>2.96</b>	<b>0</b>	<b>8.88</b>
<b>WCs</b> (multiple fittings)	Average effective flushing volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>Taps</b> (excluding kitchen / utility room taps)	Flow rate (litres per minute)	5.0	<b>1.58</b>	<b>1.58</b>	<b>9.48</b>
<b>Bath</b> (where shower also present)	Capacity to overflow (litres)	156.0	<b>0.11</b>	<b>0</b>	<b>17.16</b>
<b>Shower</b> (where bath also present)	Flow rate (litres per minute)	9.0	<b>4.37</b>	<b>0</b>	<b>39.33</b>
<b>Bath only</b>	Capacity to overflow (litres)	0.0	<b>0.50</b>	<b>0</b>	<b>0.00</b>
<b>Shower only</b>	Flow rate (litres per minute)	0.0	<b>5.60</b>	<b>0</b>	<b>0.00</b>
<b>Kitchen / utility room sink taps</b>	Flow rate (litres per minute)	6.0	<b>0.44</b>	<b>10.36</b>	<b>13.00</b>
<b>Washing machine</b>	Litres/kg of dry load	5.1	<b>2.10</b>	<b>0</b>	<b>10.76</b>
<b>Dishwasher</b>	Litres/place setting	0.6	<b>3.60</b>	<b>0</b>	<b>2.16</b>
<b>Waste disposal unit</b>	Litres/use	0.0	<b>3.08</b>	<b>0</b>	<b>0.00</b>
<b>Water softener</b>	Litres/person/day	0.0	<b>1.00</b>	<b>0</b>	<b>0.00</b>
<b>Total calculated use</b>					<b>109.53</b>
Contribution from greywater (litres/person/day) from Table 4.6					<b>0.00</b>
Contribution from rainwater (litres/person/day) from Table 5.5					<b>0.00</b>
Normalisation factor					<b>0.91</b>
Total water consumption					<b>99.67</b>
External water use					<b>0.00</b>
<b>Total water consumption</b> (litres/person/day)					<b>99.67</b>
<b>Target</b>					<b>105.00</b>

Assessed by Ross Gorrod in the Energist Technical Team on 31/10/2024.  
Revision 0. Software version 5.05.

## Table A2: Consumption calculator

**Table A2.1:** Taps (excluding kitchen sink taps)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Basin 1	5.0	1	5.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.00
<b>Average flow rate (litres/min)</b>			5.00
<b>Maximum flow rate (litres/min)</b>			5.00
<b>Proportionate flow rate (litres/min)</b>			3.50

**Table A2.2:** Baths

Bath fitting type	Capacity to overflow (litres)	Quantity	Total per fitting type
Bath	156.0	1	156.0
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			156.0
<b>Average capacity to overflow (litres)</b>			156.0
<b>Highest capacity to overflow (litres)</b>			156.0
<b>Proportionate capacity to overflow (litres)</b>			109.2

**Table A2.3:** Taps (kitchen and utility room)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Utility	6.00	1	6.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			6.00
<b>Average flow rate (litres/min)</b>			6.00
<b>Maximum flow rate (litres/min)</b>			6.00
<b>Proportionate flow rate (litres/min)</b>			4.20

**Table A2.4:** Dishwashers

Type of dishwasher	Litres per place setting	Quantity	Total per fitting type
Miele G 5350 SCVi Active Plus	0.60	1	0.60
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			0.60
<b>Average (litres per place setting)</b>			0.60
<b>Highest (litres per place setting)</b>			0.60
<b>Proportionate (litres per place setting)</b>			0.42

**Table A2.5:** Washing machines

Type of washing machine	Litres per kg dry load	Quantity	Total per fitting type
Bosch WNA134U8GB	5.13	1	5.13
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.13
<b>Average (litres per kg of dry load)</b>			5.13
<b>Highest (litres per kg of dry load)</b>			5.13
<b>Proportionate (litres per kg of dry load)</b>			3.59

**Table A2.6:** Showers

Shower fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Shower	9.00	1	9.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			9.00
<b>Average flow rate (litres/min)</b>			9.00
<b>Highest flow rate (litres/min)</b>			9.00
<b>Proportionate flow rate (litres/min)</b>			6.30

**Table A2.7:** WCs

WC type	Effective flushing volume (litres)	Quantity	Total per fitting type
Toilet	3.99	1	3.99
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			3.99
<b>Average effective flushing volume (litres)</b>			3.99

**Table A3: Water softener consumption calculation**

Not applicable. Water softener not included.

**Table A4: Greywater demand calculations**

Not applicable. No greywater system present.

**Table A5: Rainwater collection calculation**

Not applicable. No rainwater system present.

## Water efficiency calculator for Type 3B5P, Camden Goods Yard, London, NW1 8EH (ST.CGY.NW1-45)

This calculation complies with the methodology used under 'Part G (2015) Enhanced' for use in England.

**Table A1: The water efficiency calculator**

Installation type	Unit of measure	Capacity / Flow rate	Use factor	Fixed use litres/person/day	Litres per person per day
<b>WC</b> (single flush)	Flush volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>WC</b> (dual flush)	Full flush volume (litres)	6.0	<b>1.46</b>	<b>0</b>	<b>8.76</b>
	Part flush volume (litres)	3.0	<b>2.96</b>	<b>0</b>	<b>8.88</b>
<b>WCs</b> (multiple fittings)	Average effective flushing volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>Taps</b> (excluding kitchen / utility room taps)	Flow rate (litres per minute)	5.0	<b>1.58</b>	<b>1.58</b>	<b>9.48</b>
<b>Bath</b> (where shower also present)	Capacity to overflow (litres)	156.0	<b>0.11</b>	<b>0</b>	<b>17.16</b>
<b>Shower</b> (where bath also present)	Flow rate (litres per minute)	9.0	<b>4.37</b>	<b>0</b>	<b>39.33</b>
<b>Bath only</b>	Capacity to overflow (litres)	0.0	<b>0.50</b>	<b>0</b>	<b>0.00</b>
<b>Shower only</b>	Flow rate (litres per minute)	0.0	<b>5.60</b>	<b>0</b>	<b>0.00</b>
<b>Kitchen / utility room sink taps</b>	Flow rate (litres per minute)	6.0	<b>0.44</b>	<b>10.36</b>	<b>13.00</b>
<b>Washing machine</b>	Litres/kg of dry load	5.1	<b>2.10</b>	<b>0</b>	<b>10.76</b>
<b>Dishwasher</b>	Litres/place setting	0.6	<b>3.60</b>	<b>0</b>	<b>2.16</b>
<b>Waste disposal unit</b>	Litres/use	0.0	<b>3.08</b>	<b>0</b>	<b>0.00</b>
<b>Water softener</b>	Litres/person/day	0.0	<b>1.00</b>	<b>0</b>	<b>0.00</b>
<b>Total calculated use</b>					<b>109.53</b>
Contribution from greywater (litres/person/day) from Table 4.6					<b>0.00</b>
Contribution from rainwater (litres/person/day) from Table 5.5					<b>0.00</b>
Normalisation factor					<b>0.91</b>
Total water consumption					<b>99.67</b>
External water use					<b>0.00</b>
<b>Total water consumption</b> (litres/person/day)					<b>99.67</b>
<b>Target</b>					<b>105.00</b>

Assessed by Ross Gorrod in the Energist Technical Team on 31/10/2024.  
Revision 0. Software version 5.05.

## Table A2: Consumption calculator

**Table A2.1:** Taps (excluding kitchen sink taps)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Basin 1	5.0	2	10.00
<b>Total (Sum of all quantities)</b>		2	
<b>Total (Sum of all totals per fitting type)</b>			10.00
<b>Average flow rate (litres/min)</b>			5.00
<b>Maximum flow rate (litres/min)</b>			5.00
<b>Proportionate flow rate (litres/min)</b>			3.50

**Table A2.2:** Baths

Bath fitting type	Capacity to overflow (litres)	Quantity	Total per fitting type
Bath	156.0	1	156.0
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			156.0
<b>Average capacity to overflow (litres)</b>			156.0
<b>Highest capacity to overflow (litres)</b>			156.0
<b>Proportionate capacity to overflow (litres)</b>			109.2

**Table A2.3:** Taps (kitchen and utility room)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Utility	6.00	1	6.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			6.00
<b>Average flow rate (litres/min)</b>			6.00
<b>Maximum flow rate (litres/min)</b>			6.00
<b>Proportionate flow rate (litres/min)</b>			4.20

**Table A2.4:** Dishwashers

Type of dishwasher	Litres per place setting	Quantity	Total per fitting type
Miele G 5350 SCVi Active Plus	0.60	1	0.60
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			0.60
<b>Average (litres per place setting)</b>			0.60
<b>Highest (litres per place setting)</b>			0.60
<b>Proportionate (litres per place setting)</b>			0.42

**Table A2.5:** Washing machines

Type of washing machine	Litres per kg dry load	Quantity	Total per fitting type
Bosch WNA134U8GB	5.13	1	5.13
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.13
<b>Average (litres per kg of dry load)</b>			5.13
<b>Highest (litres per kg of dry load)</b>			5.13
<b>Proportionate (litres per kg of dry load)</b>			3.59

**Table A2.6:** Showers

Shower fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Shower	9.00	2	18.00
<b>Total (Sum of all quantities)</b>		2	
<b>Total (Sum of all totals per fitting type)</b>			18.00
<b>Average flow rate (litres/min)</b>			9.00
<b>Highest flow rate (litres/min)</b>			9.00
<b>Proportionate flow rate (litres/min)</b>			6.30

**Table A2.7:** WCs

WC type	Effective flushing volume (litres)	Quantity	Total per fitting type
Toilet	3.99	2	7.98
<b>Total (Sum of all quantities)</b>		2	
<b>Total (Sum of all totals per fitting type)</b>			7.98
<b>Average effective flushing volume (litres)</b>			3.99

**Table A3: Water softener consumption calculation**

Not applicable. Water softener not included.

**Table A4: Greywater demand calculations**

Not applicable. No greywater system present.

**Table A5: Rainwater collection calculation**

Not applicable. No rainwater system present.

## Water efficiency calculator for Type 3B6P, Camden Goods Yard, London, NW1 8EH (ST.CGY.NW1-45)

This calculation complies with the methodology used under 'Part G (2015) Enhanced' for use in England.

**Table A1: The water efficiency calculator**

Installation type	Unit of measure	Capacity / Flow rate	Use factor	Fixed use litres/person/day	Litres per person per day
<b>WC</b> (single flush)	Flush volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>WC</b> (dual flush)	Full flush volume (litres)	6.0	<b>1.46</b>	<b>0</b>	<b>8.76</b>
	Part flush volume (litres)	3.0	<b>2.96</b>	<b>0</b>	<b>8.88</b>
<b>WCs</b> (multiple fittings)	Average effective flushing volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>Taps</b> (excluding kitchen / utility room taps)	Flow rate (litres per minute)	5.0	<b>1.58</b>	<b>1.58</b>	<b>9.48</b>
<b>Bath</b> (where shower also present)	Capacity to overflow (litres)	156.0	<b>0.11</b>	<b>0</b>	<b>17.16</b>
<b>Shower</b> (where bath also present)	Flow rate (litres per minute)	9.0	<b>4.37</b>	<b>0</b>	<b>39.33</b>
<b>Bath only</b>	Capacity to overflow (litres)	0.0	<b>0.50</b>	<b>0</b>	<b>0.00</b>
<b>Shower only</b>	Flow rate (litres per minute)	0.0	<b>5.60</b>	<b>0</b>	<b>0.00</b>
<b>Kitchen / utility room sink taps</b>	Flow rate (litres per minute)	6.0	<b>0.44</b>	<b>10.36</b>	<b>13.00</b>
<b>Washing machine</b>	Litres/kg of dry load	5.1	<b>2.10</b>	<b>0</b>	<b>10.76</b>
<b>Dishwasher</b>	Litres/place setting	0.6	<b>3.60</b>	<b>0</b>	<b>2.16</b>
<b>Waste disposal unit</b>	Litres/use	0.0	<b>3.08</b>	<b>0</b>	<b>0.00</b>
<b>Water softener</b>	Litres/person/day	0.0	<b>1.00</b>	<b>0</b>	<b>0.00</b>
<b>Total calculated use</b>					<b>109.53</b>
Contribution from greywater (litres/person/day) from Table 4.6					<b>0.00</b>
Contribution from rainwater (litres/person/day) from Table 5.5					<b>0.00</b>
Normalisation factor					<b>0.91</b>
Total water consumption					<b>99.67</b>
External water use					<b>0.00</b>
<b>Total water consumption</b> (litres/person/day)					<b>99.67</b>
<b>Target</b>					<b>105.00</b>



Assessed by Ross Gorrod in the Energist Technical Team on 31/10/2024.

Revision 0. Software version 5.05.

## Table A2: Consumption calculator

**Table A2.1:** Taps (excluding kitchen sink taps)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Basin 1	5.0	3	15.00
<b>Total (Sum of all quantities)</b>		3	
<b>Total (Sum of all totals per fitting type)</b>			15.00
<b>Average flow rate (litres/min)</b>			5.00
<b>Maximum flow rate (litres/min)</b>			5.00
<b>Proportionate flow rate (litres/min)</b>			3.50

**Table A2.2:** Baths

Bath fitting type	Capacity to overflow (litres)	Quantity	Total per fitting type
Bath	156.0	2	312.0
<b>Total (Sum of all quantities)</b>		2	
<b>Total (Sum of all totals per fitting type)</b>			312.0
<b>Average capacity to overflow (litres)</b>			156.0
<b>Highest capacity to overflow (litres)</b>			156.0
<b>Proportionate capacity to overflow (litres)</b>			109.2

**Table A2.3:** Taps (kitchen and utility room)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Utility	6.00	1	6.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			6.00
<b>Average flow rate (litres/min)</b>			6.00
<b>Maximum flow rate (litres/min)</b>			6.00
<b>Proportionate flow rate (litres/min)</b>			4.20

**Table A2.4:** Dishwashers

Type of dishwasher	Litres per place setting	Quantity	Total per fitting type
Miele G 5350 SCVi Active Plus	0.60	1	0.60
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			0.60
<b>Average (litres per place setting)</b>			0.60
<b>Highest (litres per place setting)</b>			0.60
<b>Proportionate (litres per place setting)</b>			0.42

**Table A2.5:** Washing machines

Type of washing machine	Litres per kg dry load	Quantity	Total per fitting type
Bosch WNA134U8GB	5.13	1	5.13
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.13
<b>Average (litres per kg of dry load)</b>			5.13
<b>Highest (litres per kg of dry load)</b>			5.13
<b>Proportionate (litres per kg of dry load)</b>			3.59

**Table A2.6:** Showers

Shower fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Shower	9.00	3	27.00
<b>Total (Sum of all quantities)</b>		3	
<b>Total (Sum of all totals per fitting type)</b>			27.00
<b>Average flow rate (litres/min)</b>			9.00
<b>Highest flow rate (litres/min)</b>			9.00
<b>Proportionate flow rate (litres/min)</b>			6.30

**Table A2.7:** WCs

WC type	Effective flushing volume (litres)	Quantity	Total per fitting type
Toilet	3.99	3	11.97
<b>Total (Sum of all quantities)</b>		3	
<b>Total (Sum of all totals per fitting type)</b>			11.97
<b>Average effective flushing volume (litres)</b>			3.99

**Table A3: Water softener consumption calculation**

Not applicable. Water softener not included.

**Table A4: Greywater demand calculations**

Not applicable. No greywater system present.

**Table A5: Rainwater collection calculation**

Not applicable. No rainwater system present.

## Water efficiency calculator for Type 4B6P, Camden Goods Yard, London, NW1 8EH (ST.CGY.NW1-45)

This calculation complies with the methodology used under 'Part G (2015) Enhanced' for use in England.

**Table A1: The water efficiency calculator**

Installation type	Unit of measure	Capacity / Flow rate	Use factor	Fixed use litres/person/day	Litres per person per day
<b>WC</b> (single flush)	Flush volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>WC</b> (dual flush)	Full flush volume (litres)	6.0	<b>1.46</b>	<b>0</b>	<b>8.76</b>
	Part flush volume (litres)	3.0	<b>2.96</b>	<b>0</b>	<b>8.88</b>
<b>WCs</b> (multiple fittings)	Average effective flushing volume (litres)	0.0	<b>4.42</b>	<b>0</b>	<b>0.00</b>
<b>Taps</b> (excluding kitchen / utility room taps)	Flow rate (litres per minute)	5.0	<b>1.58</b>	<b>1.58</b>	<b>9.48</b>
<b>Bath</b> (where shower also present)	Capacity to overflow (litres)	156.0	<b>0.11</b>	<b>0</b>	<b>17.16</b>
<b>Shower</b> (where bath also present)	Flow rate (litres per minute)	9.0	<b>4.37</b>	<b>0</b>	<b>39.33</b>
<b>Bath only</b>	Capacity to overflow (litres)	0.0	<b>0.50</b>	<b>0</b>	<b>0.00</b>
<b>Shower only</b>	Flow rate (litres per minute)	0.0	<b>5.60</b>	<b>0</b>	<b>0.00</b>
<b>Kitchen / utility room sink taps</b>	Flow rate (litres per minute)	6.0	<b>0.44</b>	<b>10.36</b>	<b>13.00</b>
<b>Washing machine</b>	Litres/kg of dry load	5.1	<b>2.10</b>	<b>0</b>	<b>10.76</b>
<b>Dishwasher</b>	Litres/place setting	0.6	<b>3.60</b>	<b>0</b>	<b>2.16</b>
<b>Waste disposal unit</b>	Litres/use	0.0	<b>3.08</b>	<b>0</b>	<b>0.00</b>
<b>Water softener</b>	Litres/person/day	0.0	<b>1.00</b>	<b>0</b>	<b>0.00</b>
<b>Total calculated use</b>					<b>109.53</b>
Contribution from greywater (litres/person/day) from Table 4.6					<b>0.00</b>
Contribution from rainwater (litres/person/day) from Table 5.5					<b>0.00</b>
Normalisation factor					<b>0.91</b>
Total water consumption					<b>99.67</b>
External water use					<b>0.00</b>
<b>Total water consumption</b> (litres/person/day)					<b>99.67</b>
<b>Target</b>					<b>105.00</b>

Assessed by Ross Gorrod in the Energist Technical Team on 31/10/2024.  
Revision 0. Software version 5.05.

## Table A2: Consumption calculator

**Table A2.1:** Taps (excluding kitchen sink taps)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Basin 1	5.0	2	10.00
<b>Total (Sum of all quantities)</b>		2	
<b>Total (Sum of all totals per fitting type)</b>			10.00
<b>Average flow rate (litres/min)</b>			5.00
<b>Maximum flow rate (litres/min)</b>			5.00
<b>Proportionate flow rate (litres/min)</b>			3.50

**Table A2.2:** Baths

Bath fitting type	Capacity to overflow (litres)	Quantity	Total per fitting type
Bath	156.0	1	156.0
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			156.0
<b>Average capacity to overflow (litres)</b>			156.0
<b>Highest capacity to overflow (litres)</b>			156.0
<b>Proportionate capacity to overflow (litres)</b>			109.2

**Table A2.3:** Taps (kitchen and utility room)

Tap fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Utility	6.00	1	6.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			6.00
<b>Average flow rate (litres/min)</b>			6.00
<b>Maximum flow rate (litres/min)</b>			6.00
<b>Proportionate flow rate (litres/min)</b>			4.20

**Table A2.4:** Dishwashers

Type of dishwasher	Litres per place setting	Quantity	Total per fitting type
Miele G 5350 SCVi Active Plus	0.60	1	0.60
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			0.60
<b>Average (litres per place setting)</b>			0.60
<b>Highest (litres per place setting)</b>			0.60
<b>Proportionate (litres per place setting)</b>			0.42

**Table A2.5:** Washing machines

Type of washing machine	Litres per kg dry load	Quantity	Total per fitting type
Bosch WNA134U8GB	5.13	1	5.13
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			5.13
<b>Average (litres per kg of dry load)</b>			5.13
<b>Highest (litres per kg of dry load)</b>			5.13
<b>Proportionate (litres per kg of dry load)</b>			3.59

**Table A2.6:** Showers

Shower fitting type	Flow rate (litres/min)	Quantity	Total per fitting type
Shower	9.00	1	9.00
<b>Total (Sum of all quantities)</b>		1	
<b>Total (Sum of all totals per fitting type)</b>			9.00
<b>Average flow rate (litres/min)</b>			9.00
<b>Highest flow rate (litres/min)</b>			9.00
<b>Proportionate flow rate (litres/min)</b>			6.30

**Table A2.7:** WCs

WC type	Effective flushing volume (litres)	Quantity	Total per fitting type
Toilet	3.99	2	7.98
<b>Total (Sum of all quantities)</b>		2	
<b>Total (Sum of all totals per fitting type)</b>			7.98
<b>Average effective flushing volume (litres)</b>			3.99

**Table A3: Water softener consumption calculation**

Not applicable. Water softener not included.

**Table A4: Greywater demand calculations**

Not applicable. No greywater system present.

**Table A5: Rainwater collection calculation**

Not applicable. No rainwater system present.