WATER NEUTRALITY STATEMENT FOR AN EXISTING BEDROOM AT HYESWOOD, GUILDFORD ROAD, RUDGWICK, HORSHAM RH12 3BX.

Planning Reference: DC/24/1490
H2Ogeo Reference: 20241217P1
Date: 20 January 2025

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Executive Summary

H2Ogeo provides this Water Neutrality Statement to accompany a retrospective planning application for the extension of the existing residential curtilage to include pod and stable building to be used as ancillary accommodation to the main dwelling.

An original water neutrality statement (20240510 WNS Hyeswood DC_24_0074 H2Ogeo FINAL v1.0) was prepared for the Pod by H2Ogeo for a now withdrawn planning application (DC/24/0074). Horsham District Council now require a Water Neutrality Statement for the use of an existing bedroom by family members in the former stables located north of the main house as well as the pod that was the subject of the previous Water Neutrality Statement (WNS).

This statement should be read in conjunction with the previous WNS.

The accommodation has not and will not be used in a commercial sense, housing only family members on visits and when returning from University.

The Water Neutrality Statement demonstrates that the accommodation consumes less water in Litres/Person/Day than the main house and therefore, guests, who would otherwise be staying in the main house in the absence of the Pod and Stables Accommodation, will be using less water as a result.

The proposed application will not contribute to an existing adverse effect upon the integrity of the internationally designated Arun Valley Special Area of Conservation, Special Protection Area and Ramsar sites by way of increased water abstraction.

1 Introduction

Natural England cannot, with certainty, conclude that the Sussex North Water Supply Zone, that includes water supply from a groundwater abstraction, is not having an adverse effect on the integrity of:

- Arun Valley Special Area Conservation (SAC);
- Arun Valley Special Protection Area (SPA); and
- Arun Valley Ramsar Site.

Natural England have advised that developments within this zone must not add to this impact.

The Local Planning Authority (LPA) have requested a Water Neutrality Statement is provided to accompany planning applications to demonstrate that the proposed development does not increase the rate of water abstraction for drinking water supplies above existing levels.

1.1 Scope of Work

H2Ogeo was requested to provide a proposal for a Water Neutrality Statement to support a planning application submitted to Horsham District Council (HDC) Local Planning Authority (LPA).

The Water Neutrality Statement aims to demonstrate that the proposed development will not *contribute to an existing adverse effect upon the integrity of the internationally designated Arun Valley Special Area of Conservation, Special Protection Area and Ramsar sites by way of increased water abstraction.*

The proposal was accepted and the Water Neutrality Statement is presented in this report.

A Statement of Limitations is presented at the start of this report.

1.2 Background

This Water Neutrality Statement (WNS) has been provided to support a retrospective planning application for an extension of the existing residential curtilage to include pod and stable building to be used as ancillary accommodation to the main dwelling. Following further consultation and consideration by Horsham District Council, a Water Neutrality Statement has been requested for the existing bedroom and bathroom accommodation located in the former stables north of the main house.

The bedroom consists of one double bed, kitchen sink, dishwasher, shower, WC and wash-hand basin and is used by visiting family instead of staying in the main property.

The site location is presented in Figure 1.

1.3 Sussex North Water Resource Zone (WRZ)

Southern Water supplies water to Crawley Borough, Horsham District, the northern part of Chichester District, southern Waverley and the South Downs National Park from its Sussex North Water Resource Zone (WRZ).

Within the WRZ there are a number of water sources, one of which is the groundwater abstraction from the Hardham source, one of a number of groundwater and surface water abstractions around Pulborough[1] presented in Figure 2 along with the proposed site and boundary of the Sussex North WRZ

The Hardham Groundwater abstraction is located approximately 17km south west of the site.

[1] https://www.horsham.gov.uk/__data/assets/pdf_file/0019/104482/EYP-JBAU-XX-XX-RP-EN-0001-A1-C03-Water_Neutrality_Assessment_Part_A.pdf

2 Site Location and Setting

The site address is Hysewood, Guildford Road, Rudgwick, West Sussex, RH12 3BX. It is located north of the A281 east of Rudgwick village.

The accommodation is centred on National Grid Reference: TQ10113 33673 (Easting: 510113, Northing: 133673) and presented in Figure 1.

2.1 Existing Site

As this is a retrospective supporting statement as the accommodation is already in situ and photos are presented in Figure 3 Photolog.

The accommodation is located north of the main house in a former stable building. It consists of one main studio area hosting a bed, kitchenette and a separate shower room and WC.

The planning drawings presented in Annex A show the existing layout of the development.

2.1.1 Existing Fixtures and Fittings

The numbers of existing fixtures and fittings within the accommodation are summarised in the table below:

Table 1 Existing Fixtures and Fittings

Fixture	***7-Bedroom House***
WC	1
Taps (excluding kitchen/utility room taps)	1
Shower	1
Kitchen/Utility room sink taps	1

The existing fixtures and fittings were flow tested by H2Ogeo on 13 January 2025.

3 Baseline Water Consumption

This section outlines the existing baseline water consumption for the site.

3.1 Existing Demand

The existing demand and baseline water consumption is based on water bills provided by the Client and presented in Annex B.

The bills provided range from the 29 October 2022 to 29 September 2023 and are summarised below:

Table 2 Water Bill Summary

From	***To***	***m3***	***Days***	***Litres/Day***
01/09/2022	29/10/2022	27	58	466
29/10/2022	11/06/2023	105	225	467
11/06/2023	14/08/2023	62	64	969
15/08/2023	30/08/2023	13	15	867
30/08/2023	29/09/2023	18	30	600
			Maximum	969
			Minimum	466
			Average	674

The average consumption over this period was 674 Litres/day, with a maximum of 969 Litres/Day and a minimum of 466 Litres/Day.

The consumption for the site includes mains water for the main property, the pod, stable accommodation, animal feeding on site and outdoors use, hence higher Summer consumption.

Guests who come to stay in the stable accommodation are family members who would typically stay in the main residence however, the sable accommodation provides greater privacy and a separate space for them to reside during visits to the family home.

It is understood the applicant has no commercial intent for the stable accommodation and with or without this unit, and the pod, the population on site would remain the same with incidental family visits seeking accommodation within the main house in the absence of these units.

To understand the consumption derived at the accommodation a Part G Calculator has been undertaken and the results are presented in Annex C and in the following section.

4 Part G Calculator

Flow testing was carried out by H2Ogeo in the main house and pod on the 23 April 2024 and again in the stable accommodation on 13 January 2025 with flow rates presented in the tables below:

Table 3 Efficiency of the existing Pod Fixtures and Fittings

POD	***Litres/Minute***	***Comments***
Mixer Kitchen Tap	10	
Bathroom Mixer Tap Wash-Hand Basin	10	
Shower	10	
WC	0	Incinerator WC, no water consumed in flush

Table 4 Efficiency of the existing Main House Fixtures and Fittings

Fixture – Four-Bedroom Property	***Number***	***Flow/Performance***	***Unit***
WC	4	4.5	Effective Flush
Taps (excluding kitchen/utility room taps)	6	13	Litres/Minute
Shower Only	2	12	Litres/Minute
Shower over Bath	1	12	Litres/Minute
Kitchen/Utility room sink taps	2	15	Litres/Minute
Washing Machine	1	7	Litres/kg
Dishwasher	1	0.77	Litres/Place Setting

Table 5 Efficiency of the existing Stable Accommodation Fixtures and Fittings

Stable Accommodation	***Litres/Minute***	***Comments***
Mixer Kitchen Tap	10	
Bathroom Mixer Tap Wash-Hand Basin	10	
Shower	3.75	
WC	0	Incinerator WC, no water consumed in flush

A Part G Assessment of flow rates has been carried out on the Main House, Pod and Stable Accommodation and the results presented below and in Annex C:

- Main House = 90.8 Litres/Person/Day;
- Pod = 85.2 Litres/Person/Day; and
- Stable Accommodation = 73.1 Litres/Person/Day.

4.1.1 Population

Currently there are three family members based at the property using the main house.

Two family members are at University and visit throughout the year and during holidays. They are housed in the Pod and Stable Accommodation.

A three-bed property has a modelled population of 2.47 people (Horsham 2011 Census extrapolation).

The different scenarios have been analysed and summarised in the table below:

5 Modelled Scenarios

There are three scenarios that have been modelled:

- Scenario 1: Main 3-Bed House Extrapolated 2011 Census data (2.47 People);
- Scenario 2: Main 3-bed House with actual potential population = 5 People; and
- Scenario 2: Full Population (5 x People) in Main House with Pod and Stable Accommodation.

Table 6 Modelled Water Consumption

Scenarios	***Population***	***Consumption (Litres/Day)***
Scenario 1: Extrapolated 2011 Census data Main House (2.47 People)	2.47	224
Scenario 2: Population (5 x People) in Main House Only – Actual Potential Population	5	454
Scenario 3: Full Population (5x People) with Main House, Pod and Stable Accommodation	5	430.7

All of the results indicate less water consumption than the water bill averages, this is because the water bills also cover outside water consumption and water consumption of livestock on site.

The key point to take away is the reduction in mains water consumption on site when the Pod and Stable accommodation are in use i.e. 430.7 Litres/Day versus 454 Litres/Day.

5.1 Consumption Summary

The pod and stable accommodation have a greater water efficiency than the main house, therefore when family guests stay at the property it is beneficial for them to stay in the Pod.

The modelled consumption for this scenario is 430.7 Litres/Day.

6 Conclusion

This is a retrospective application for a Pod and Stable Accommodation on the site of Hyeswood near Rudgwick.

The Pod has a Part G Calculated mains water consumption of 85.2 Litres/Person/Day, the Stable Accommodation = 73.1 Litres/Person/Day and the main house a consumption of 98.2 litres/Person/Day.

Use of the Pod and Stables Accommodation for family and guests only, who visit the site, reduces the mains water consumption compared to if they stayed in the main house.

The Pod and Stables Accommodation do not add to water consumption on site and actually reduce it making the development Water Neutral.

This Water Neutrality Statement demonstrates that the proposed development will not contribute to an existing adverse effect upon the integrity of the internationally designated Arun Valley Special Area of Conservation, Special Protection Area and Ramsar sites by way of increased water abstraction.

7 Figures

Figure 1 Site Location

Figure 2 Sussex North Water Resource Zone

Figure 3 Site Photolog

Figure 1 Site Location

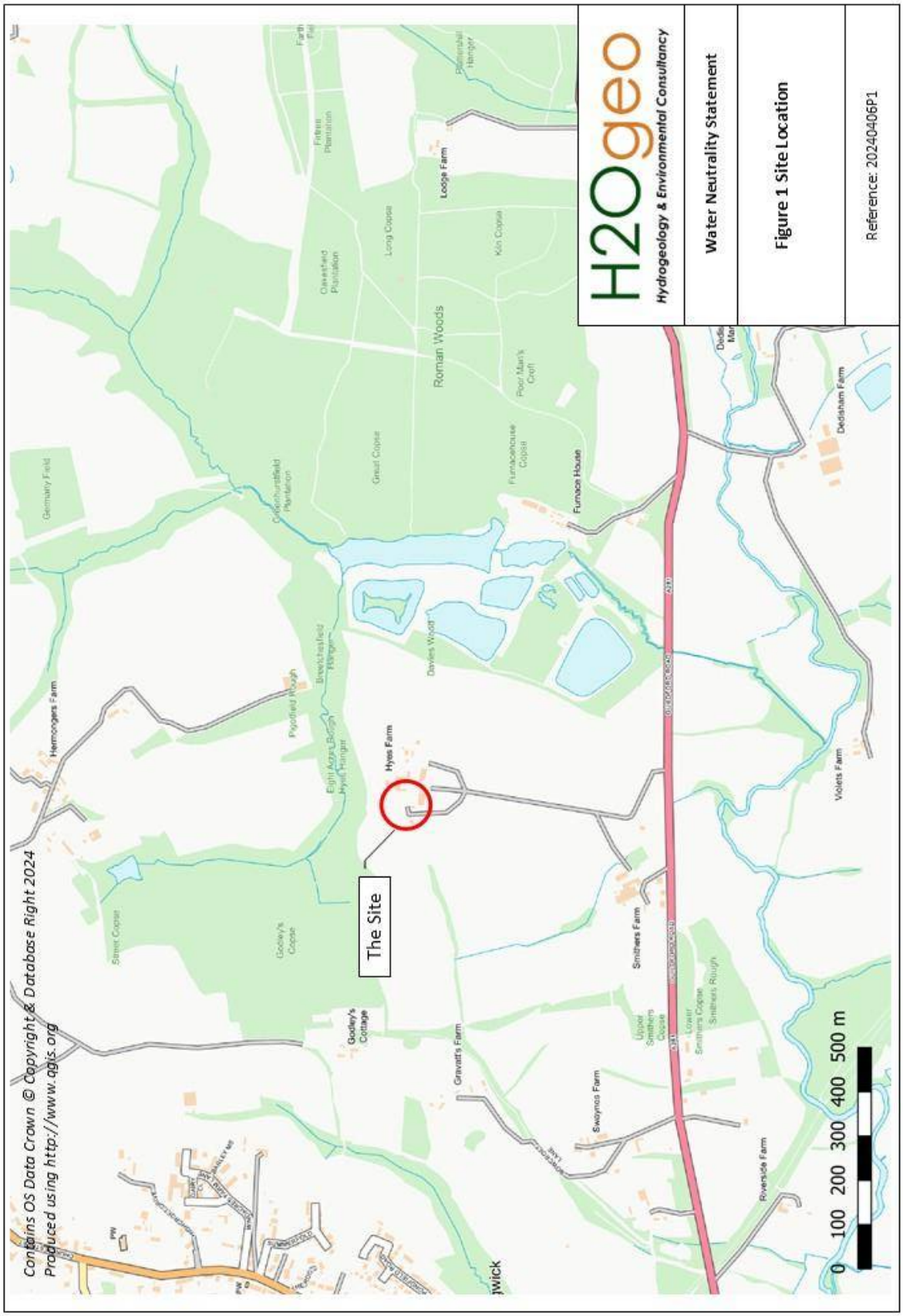
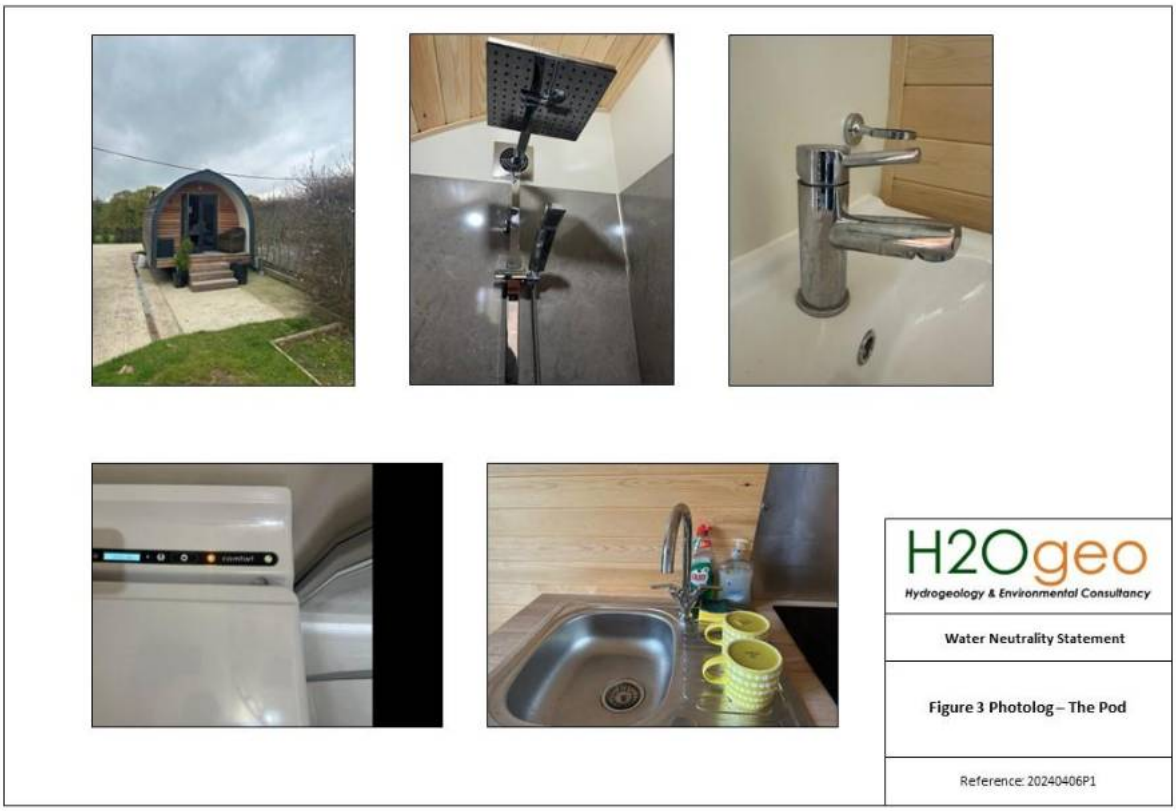


Figure 2 Sussex North Water Resource Zone



Figure 3, 4 & 5 Photolog



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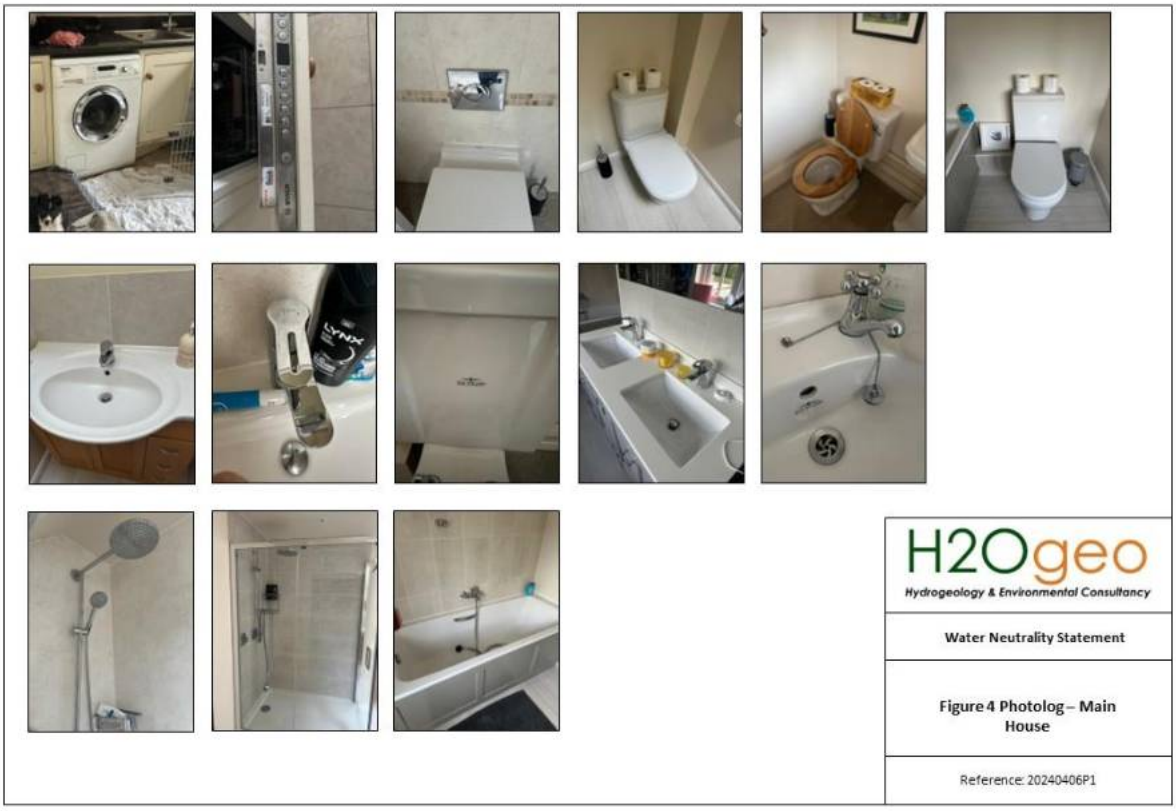
Water Neutrality Statement

Figure 3 Photolog – The Pod

Reference: 20240406P1



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Water Neutrality Statement

Figure 4 Photolog – Main House

Reference: 20240406P1



Kitchen Mixer Tap



Wash-Hand Basin Mixer Tap



Shower



Incinerator WC

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Water Neutrality Statement

Figure 5 Photolog – Stables Accommodation

Reference: 20240406P1

8 Annexes

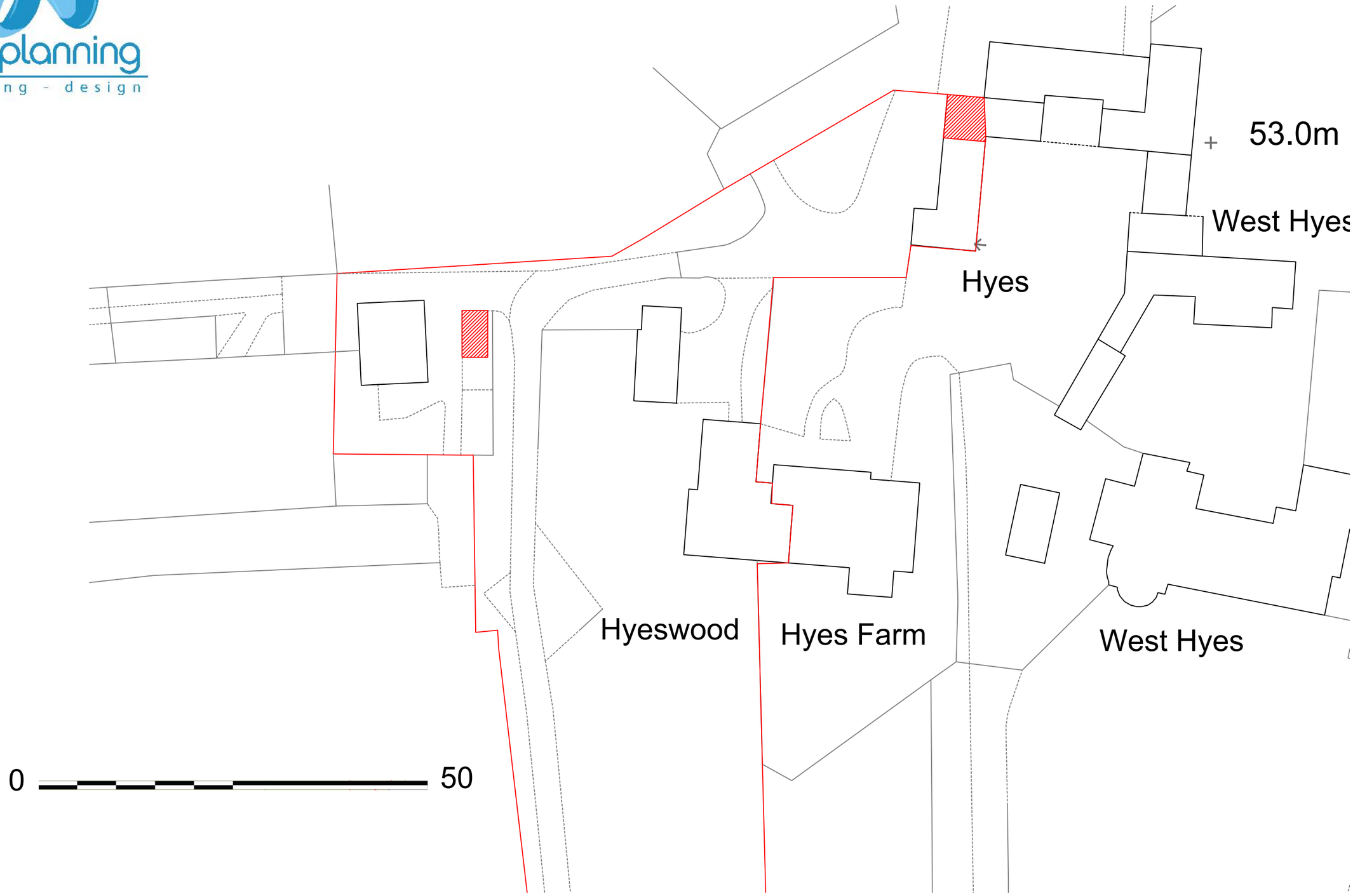
Annex A - Planning Drawings

Annex B – Water Bills

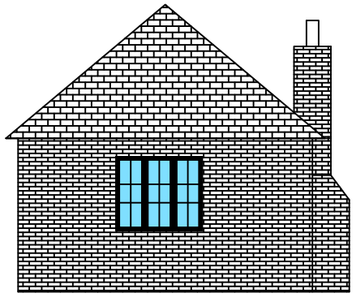
Annex C - Part G Calculations

Annex A - Planning Drawings

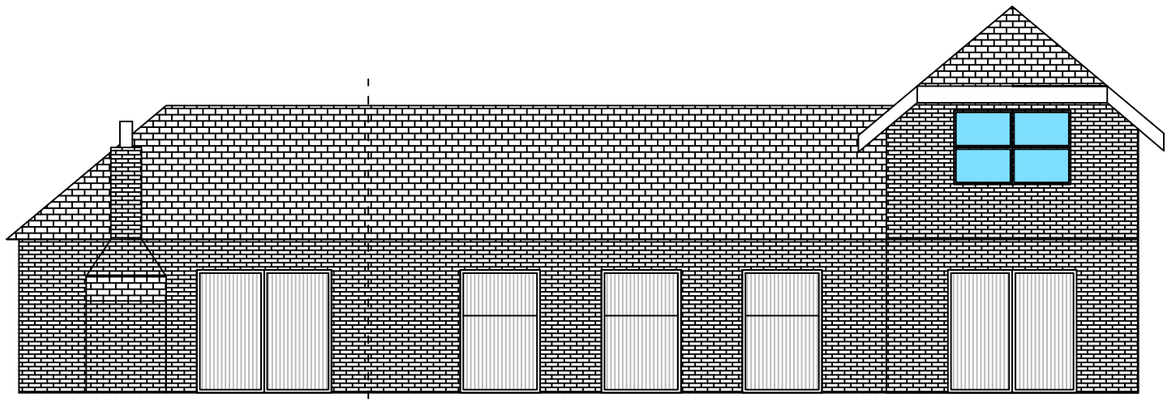
wps planning
planning - design



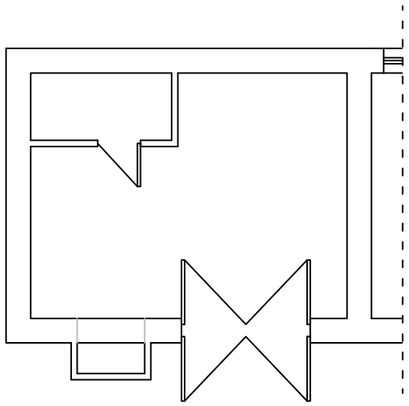
extension of residential curtilage - hyeswood, guildford road, horsham - site plan - drawing no.138/2024/2 - scale 1:500 @a3



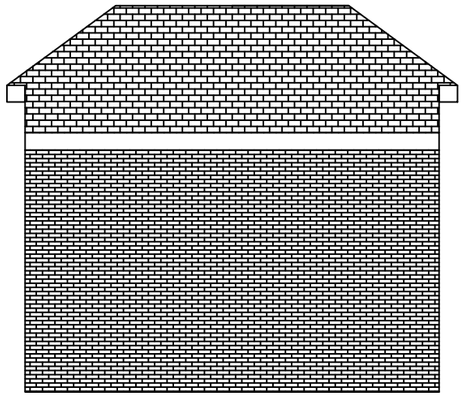
side elevation



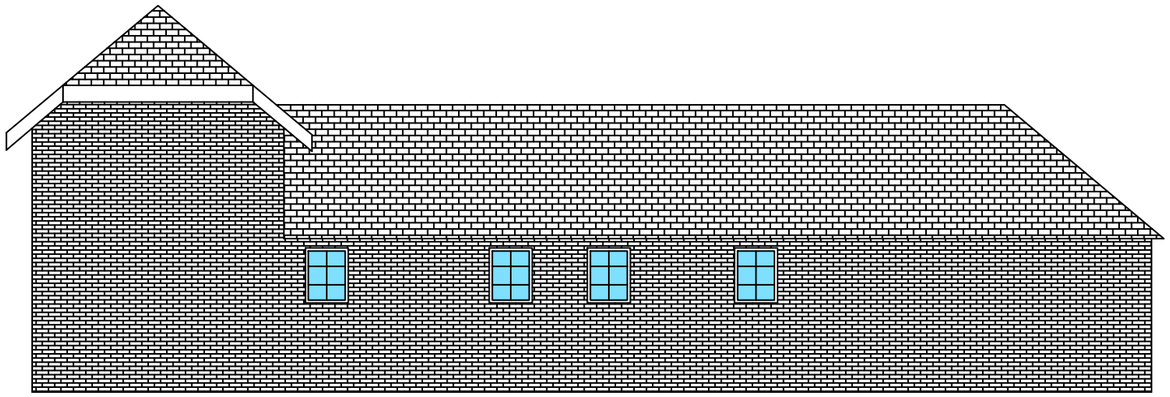
front elevation



floor plan



side elevation

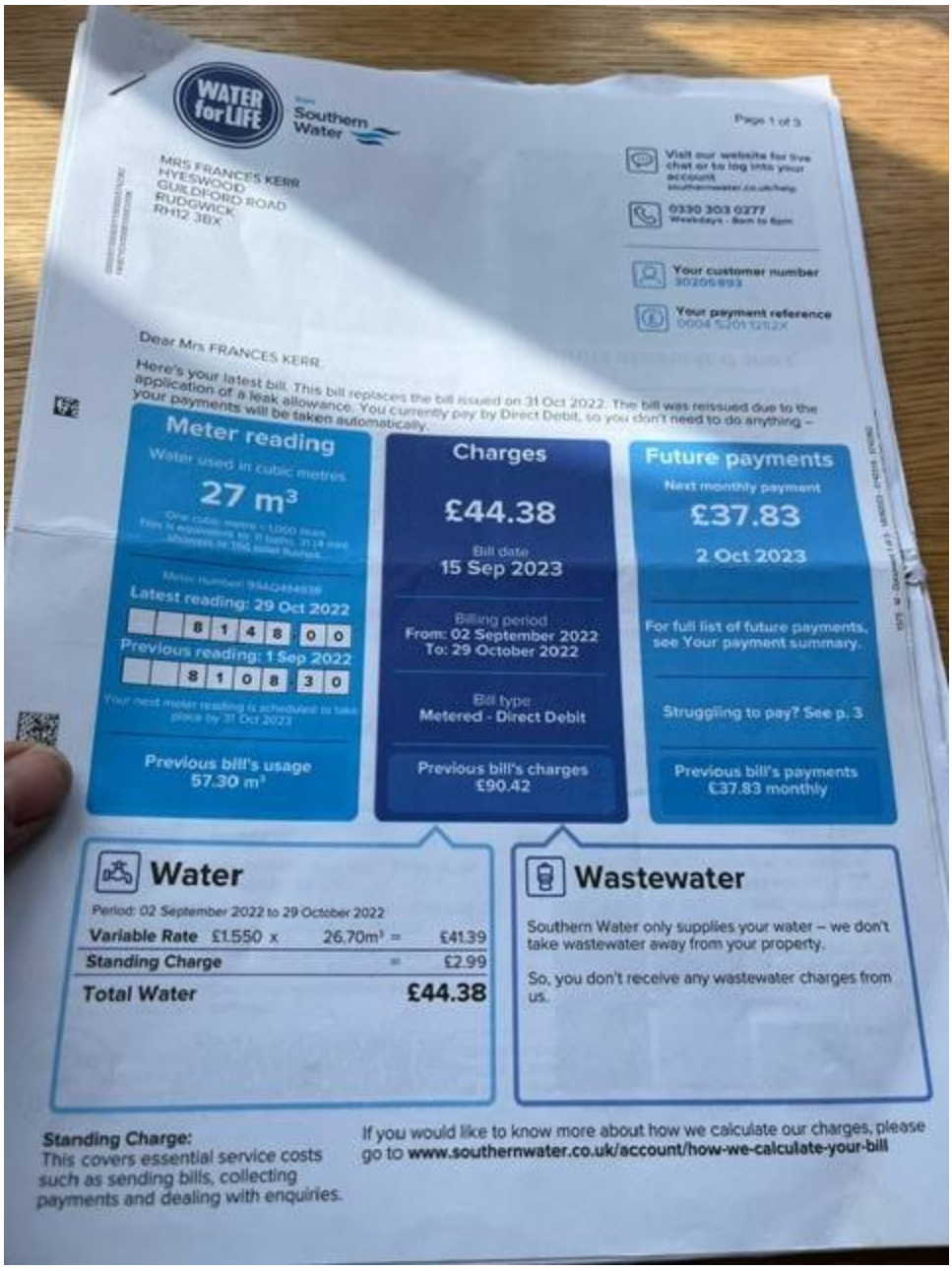


rear elevation

0 5

extension of residential curtilage - hyeswood, guildford road, horsham - existing elevations & floor plan - drawing no.138/2024/4 - scale 1:100 @a3

Annex B – Water Bills



WATER for LIFE

Southern Water

MRS FRANCES KERR
HYESWOOD
GUILDFORD ROAD
RUDGWICK
RH12 3BX

Visit our website for live chat or to log into your account
southernwater.co.uk/help

0330 303 0277
Weekdays - 8am to 6pm

Your customer number
30205893

Your payment reference
0004 5201 1252X

Dear Mrs FRANCES KERR,

Here's your latest bill. This bill replaces the bill issued on 31 Oct 2022. The bill was reissued due to the application of a leak allowance. You currently pay by Direct Debit, so you don't need to do anything – your payments will be taken automatically.

Meter reading

Water used in cubic metres

27 m³

One cubic metre = 1,000 litres
This is equivalent to 11 baths, 31.4 mm showers or 166 toilet flushes

Meter number: 95AQ454938

Latest reading: 29 Oct 2022

8 1 4 8 . 0 0

Previous reading: 1 Sep 2022

8 1 0 8 . 3 0

Your next meter reading is scheduled to take place by 31 Oct 2023

Previous bill's usage
57.30 m³

Charges

£44.38

Bill date
15 Sep 2023

Billing period
From: 02 September 2022
To: 29 October 2022

Bill type
Metered - Direct Debit

Previous bill's charges
£90.42

Future payments

Next monthly payment

£37.83

2 Oct 2023

For full list of future payments, see Your payment summary.

Struggling to pay? See p. 3

Previous bill's payments
£37.83 monthly

Water

Period: 02 September 2022 to 29 October 2022

Variable Rate	£1.550 x	26.70m³ =	£41.39
Standing Charge		=	£2.99
Total Water			**£44.38**

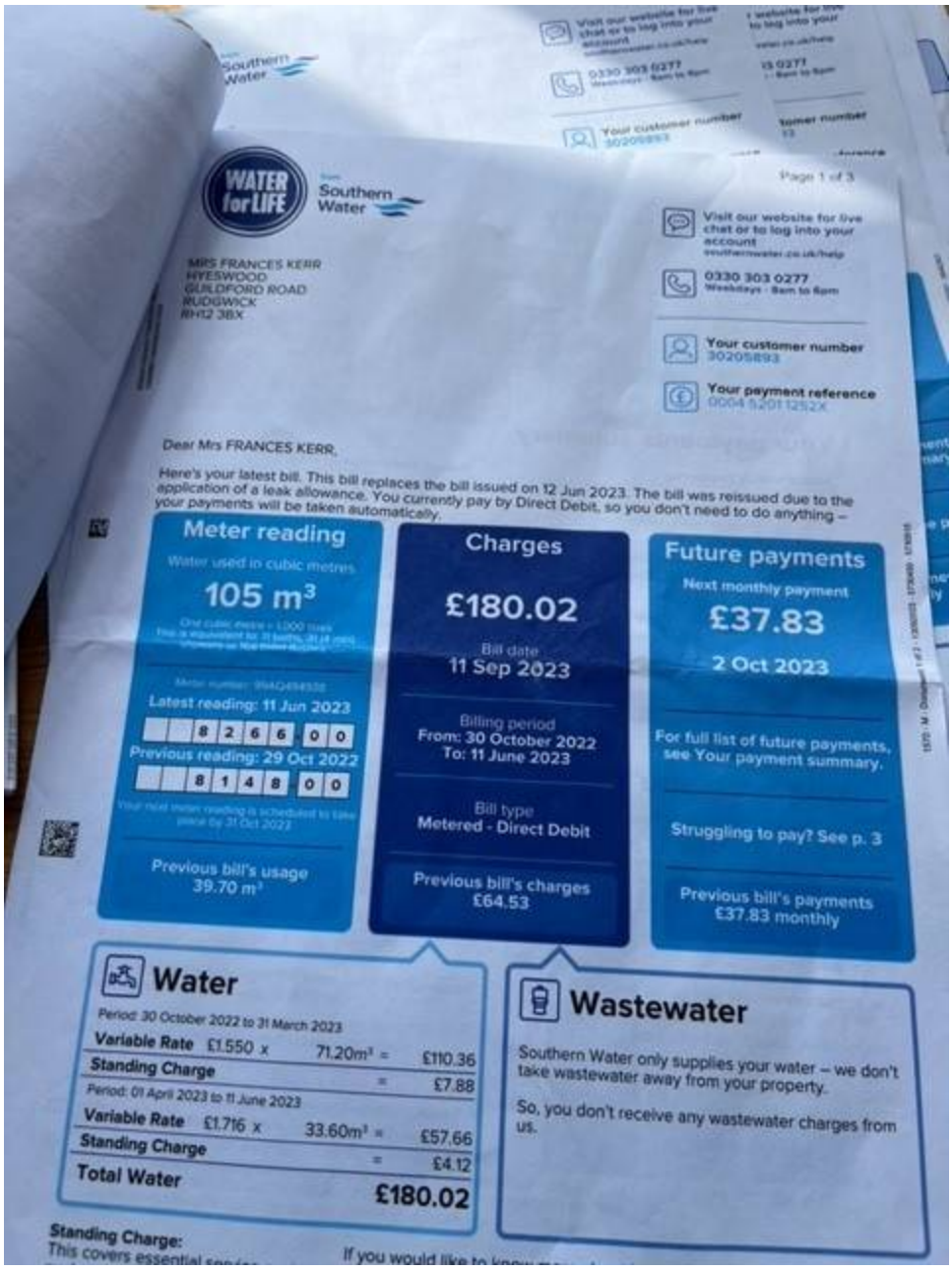
Wastewater

Southern Water only supplies your water – we don't take wastewater away from your property.

So, you don't receive any wastewater charges from us.

Standing Charge:
This covers essential service costs such as sending bills, collecting payments and dealing with enquiries.

If you would like to know more about how we calculate our charges, please go to **www.southernwater.co.uk/account/how-we-calculate-your-bill**



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0330 303 0277
Weekdays - 8am to 6pm

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Your payment reference
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Dear Mrs FRANCES KERR,

Here's your latest bill. This bill replaces the bill issued on 12 Jun 2023. The bill was reissued due to the application of a leak allowance. You currently pay by Direct Debit, so you don't need to do anything – your payments will be taken automatically.

Meter reading

Water used in cubic metres

105 m³

One cubic metre = 1,000 litres
This is equivalent to 31 baths, 31.4 mins
showers or 100 litres flushes

Meter number: 99AQ494538

Latest reading: 11 Jun 2023

8 2 6 6 0 0

Previous reading: 29 Oct 2022

8 1 4 8 0 0

Your next meter reading is scheduled to take place by 31 Oct 2023

Previous bill's usage
39.70 m³

Charges

£180.02

Bill date
11 Sep 2023

Billing period
From: 30 October 2022
To: 11 June 2023

Bill type
Metered - Direct Debit

Previous bill's charges
£64.53

Future payments

Next monthly payment

£37.83

2 Oct 2023

For full list of future payments, see Your payment summary.

Struggling to pay? See p. 3

Previous bill's payments
£37.83 monthly

Water

Period: 30 October 2022 to 31 March 2023

Variable Rate	£1.550 x	71.20m³	=	£110.36
Standing Charge			=	£7.88

Period: 01 April 2023 to 11 June 2023

Variable Rate	£1.716 x	33.60m³	=	£57.66
Standing Charge			=	£4.12
Total Water				**£180.02**

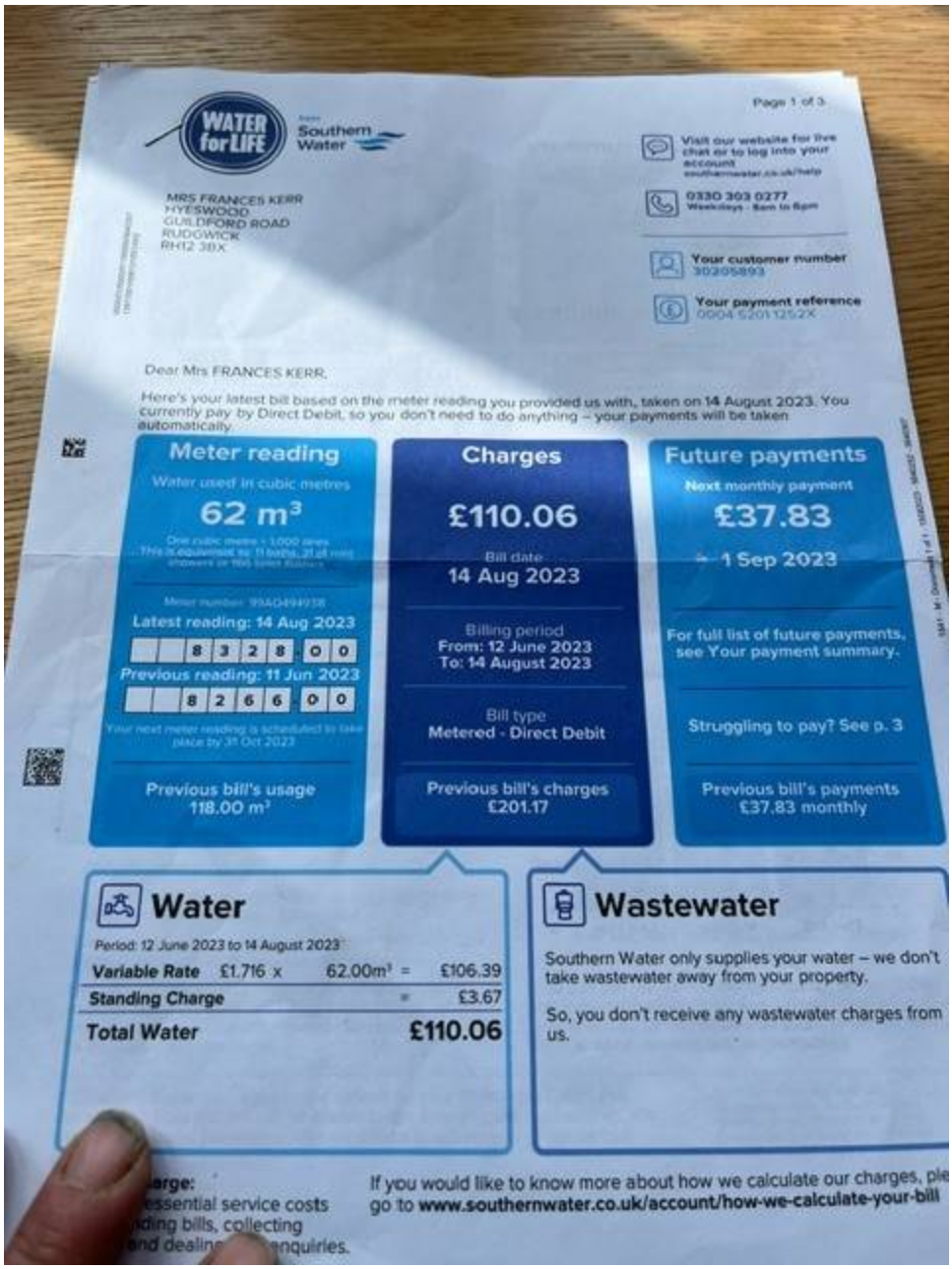
Wastewater

Southern Water only supplies your water – we don't take wastewater away from your property.

So, you don't receive any wastewater charges from us.

Standing Charge:
This covers essential ser...

If you would like to know ...



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Weekdays - 8am to 6pm

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HYESWOOD
GUILDFORD ROAD
RUDGWICK
RH12 3BX

Your customer number
30205893

Your payment reference
0004 5201 1252X

Dear Mrs FRANCES KERR,

Here's your latest bill based on the meter reading you provided us with, taken on 14 August 2023. You currently pay by Direct Debit, so you don't need to do anything – your payments will be taken automatically.

Meter reading

Water used in cubic metres

62 m³

One cubic metre = 1,000 litres
This is equivalent to: 11 baths, 31 all-mini showers or 166 toilet flushes

Meter number: 99AD494938

Latest reading: 14 Aug 2023

8328.00

Previous reading: 11 Jun 2023

8266.00

Your next meter reading is scheduled to take place by 31 Oct 2023

Previous bill's usage
118.00 m³

Charges

£110.06

Bill date
14 Aug 2023

Billing period
From: 12 June 2023
To: 14 August 2023

Bill type
Metered - Direct Debit

Previous bill's charges
£201.17

Future payments

Next monthly payment

£37.83

– 1 Sep 2023

For full list of future payments, see Your payment summary.

Struggling to pay? See p. 3

Previous bill's payments
£37.83 monthly

Water

Period: 12 June 2023 to 14 August 2023

Variable Rate	£1.716 x	62.00m³	=	£106.39
Standing Charge			=	£3.67
Total Water				**£110.06**

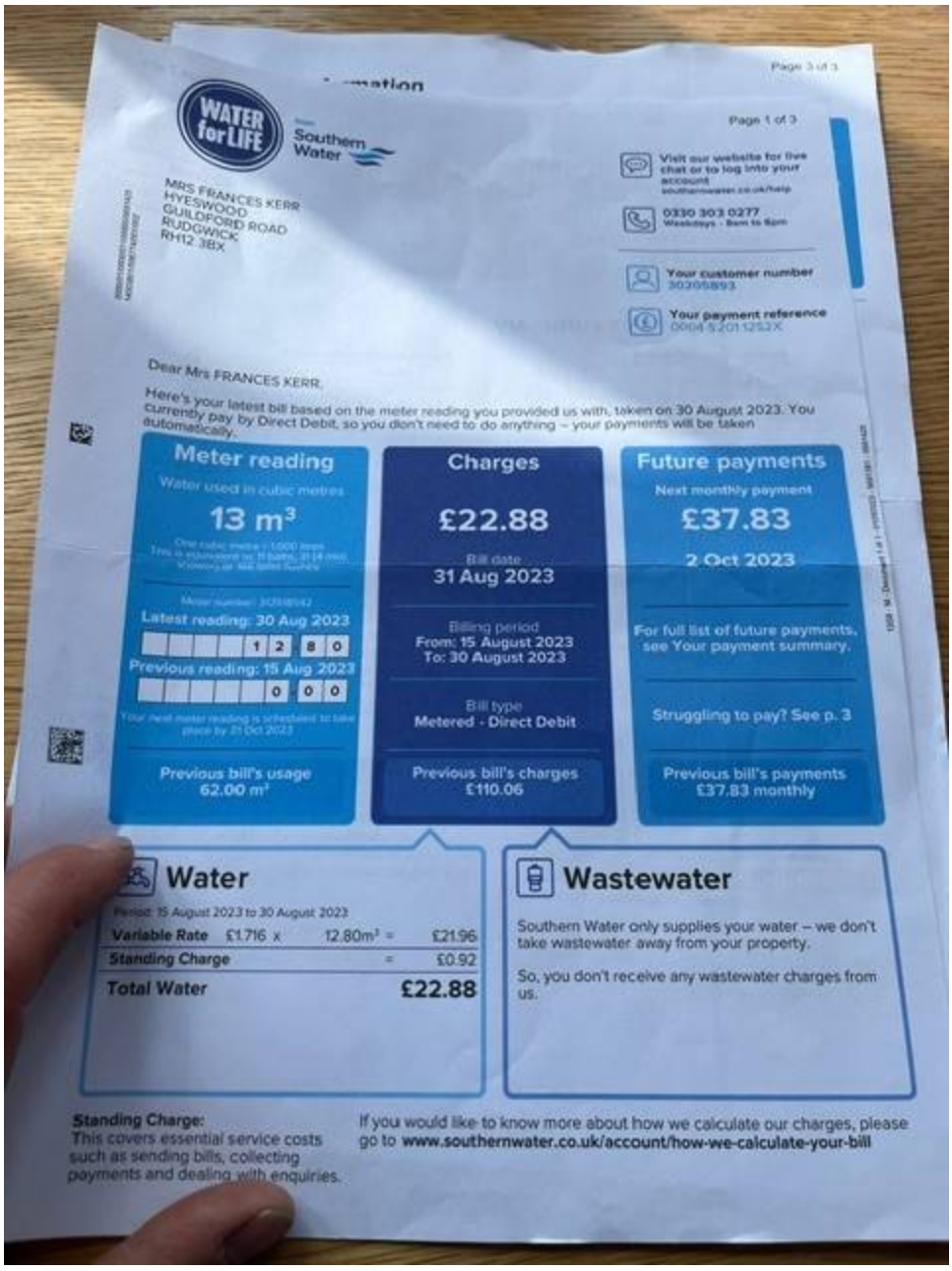
Wastewater

Southern Water only supplies your water – we don't take wastewater away from your property.

So, you don't receive any wastewater charges from us.

...arge:
...essential service costs
...ding bills, collecting
...and dealing ... enquiries.

If you would like to know more about how we calculate our charges, ple... go to **www.southernwater.co.uk/account/how-we-calculate-your-bill**



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southernwater.co.uk/help

0330 303 0277
Weekdays - 8am to 8pm

Your customer number
30205893

Your payment reference
0004 5201 1252X

Dear Mrs FRANCES KERR,

Here's your latest bill based on the meter reading you provided us with, taken on 30 August 2023. You currently pay by Direct Debit, so you don't need to do anything – your payments will be taken automatically.

Meter reading

Water used in cubic metres

13 m³

One cubic metre = 1,000 litres
This is equivalent to: 11 baths, 31 (4 min) showers or 166 toilet flushes

Meter number: 30318542

Latest reading: 30 Aug 2023

1 2 8 0

Previous reading: 15 Aug 2023

0 0 0

Your next meter reading is scheduled to take place by 31 Oct 2023

Previous bill's usage
62.00 m³

Charges

£22.88

Bill date
31 Aug 2023

Billing period
From: 15 August 2023
To: 30 August 2023

Bill type
Metered - Direct Debit

Previous bill's charges
£110.06

Future payments

Next monthly payment

£37.83

2 Oct 2023

For full list of future payments, see Your payment summary.

Struggling to pay? See p. 3

Previous bill's payments
£37.83 monthly

Water

Period: 15 August 2023 to 30 August 2023

Variable Rate	£1.716 x	12.80m³	=	£21.96
Standing Charge			=	£0.92
Total Water				**£22.88**

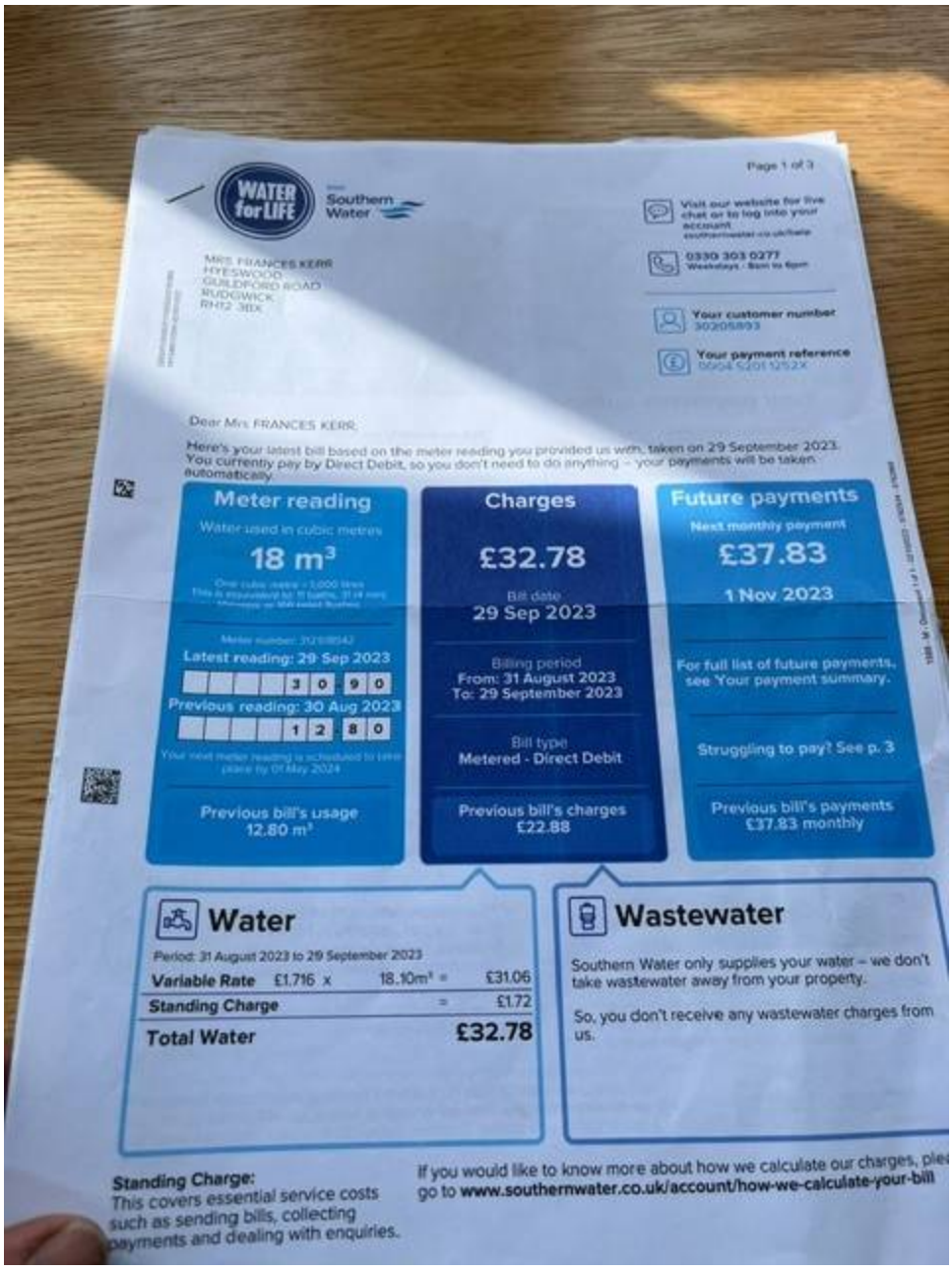
Wastewater

Southern Water only supplies your water – we don't take wastewater away from your property.

So, you don't receive any wastewater charges from us.

Standing Charge:
This covers essential service costs such as sending bills, collecting payments and dealing with enquiries.

If you would like to know more about how we calculate our charges, please go to **www.southernwater.co.uk/account/how-we-calculate-your-bill**



Page 1 of 3

Southern Water

Visit our website for live chat or to log into your account

0330 303 0277
Weekdays - 8am to 6pm

MRS FRANCES KERR
HYESWOOD
GUILDFORD ROAD
RUDGWICK
RH12 3BX

Your customer number
30205893

Your payment reference
0604 5201 5252 X

Dear Mrs FRANCES KERR,

Here's your latest bill based on the meter reading you provided us with, taken on 29 September 2023. You currently pay by Direct Debit, so you don't need to do anything – your payments will be taken automatically.

Meter reading

Water used in cubic metres

18 m³

Meter number: 21318542

Latest reading: 29 Sep 2023

3 0 9 0

Previous reading: 30 Aug 2023

1 2 8 0

Your next meter reading is scheduled to take place by 01 May 2024

Previous bill's usage
12.80 m³

Charges

£32.78

Bill date
29 Sep 2023

Billing period
From: 31 August 2023
To: 29 September 2023

Bill type
Metered - Direct Debit

Previous bill's charges
£22.88

Future payments

Next monthly payment

£37.83

1 Nov 2023

For full list of future payments, see 'Your payment summary.

Struggling to pay? See p. 3

Previous bill's payments
£37.83 monthly

Water

Period: 31 August 2023 to 29 September 2023

Variable Rate	£1.716 x	18.10m³ =	£31.06
Standing Charge		=	£1.72
Total Water			**£32.78**

Wastewater

Southern Water only supplies your water – we don't take wastewater away from your property.

So, you don't receive any wastewater charges from us.

Standing Charge:
This covers essential service costs such as sending bills, collecting payments and dealing with enquiries.

If you would like to know more about how we calculate our charges, plea go to **www.southernwater.co.uk/account/how-we-calculate-your-bill**

Annex C – Part G Calculations

Pod - Modelled Water Consumption

Water Calculator | WC | Taps (Other) | Taps (Kitchen/Utility) | Baths | Dishwashers | Washing Machines | Showers | H2O softeners | Greywater | Rainwater

Installation Type	Unit of Measure	Capacity/Flow rate (1)	Use Factor (2)	Fixed use (litres/person/day) (3)	Litres/person/day = [(1)x(2)] + (3) (4)
WC (single flush)	Flush Volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush Volume (litres)		1.46	0.00	0
	Part flush Volume (litres)		2.96	0.00	0
WC (multiple fittings)	Average effective flushing Volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	10.00	1.58	1.58	17.38
Bath (where shower also present)	Capacity to overflow(litres)		0.11	0.00	0
Shower (where bath also present)	Flow Rate(litres / minute)		4.37	0.00	0
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)	10.00	5.60	0.00	56.00
Kitchen/Utility room sink taps	Flow rate (litres/minute)	10.00	0.44	10.36	14.76
Washing Machine	(Litres/kg dry load)	0.00	2.1	0.00	0.00
Dishwasher	(Litres/place setting)	0.00	3.6	0.00	0.00
Waste disposal unit	(Litres/use)	☐ Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) =SUM(column 4)			88.14
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			80.21
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day)			85.2

Click here to fill in details before printing:

Existing Main House Modelled Water Consumption

Water Calculator | WC | Taps (Other) | Taps (Kitchen/Utility) | Baths | Dishwashers | Washing Machines | Showers | H2O softeners | Greywater | Rainwater

Installation Type	Unit of Measure	Capacity/Flow rate (1)	Use Factor (2)	Fixed use (litres/person/day) (3)	Litres/person/day = [(1)x(2)] + (3) (4)
WC (single flush)	Flush Volume (litres)	4.50	4.42	0.00	19.89
WC (dual flush)	Full flush Volume (litres)		1.46	0.00	0
	Part flush Volume (litres)		2.96	0.00	0
WC (multiple fittings)	Average effective flushing Volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	13.00	1.58	1.58	22.12
Bath (where shower also present)	Capacity to overflow(litres)	140.00	0.11	0.00	15.40
Shower (where bath also present)	Flow Rate(litres / minute)		4.37	0.00	0
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)		5.60	0.00	0
Kitchen/Utility room sink taps	Flow rate (litres/minute)	15.00	0.44	10.36	16.96
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	0.77	3.6	0.00	2.77
Waste disposal unit	(Litres/use)	☐ Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) =SUM(column 4)			94.30
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			85.81
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day)			90.8

Click here to fill in details before printing:

Stable Accommodation Modelled Water Consumption

Water Calculator | WC | Taps (Other) | Taps (Kitchen/Utility) | Baths | Dishwashers | Washing Machines | Showers | H2O softeners | Greywater | Rainwater

Installation Type	Unit of Measure	Capacity/Flow rate (1)	Use Factor (2)	Fixed use (litres/person/day) (3)	Litres/person/day = [(1)x(2)] + (3) (4)
WC (single flush)	Flush Volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush Volume (litres)		1.46	0.00	0
	Part flush Volume (litres)		2.96	0.00	0
WC (multiple fittings)	Average effective flushing Volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	10.00	1.58	1.58	17.38
Bath (where shower also present)	Capacity to overflow(litres)		0.11	0.00	0
Shower (where bath also present)	Flow Rate(litres / minute)		4.37	0.00	0
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)	3.75	5.60	0.00	21.00
Kitchen/Utility room sink taps	Flow rate (litres/minute)	10.00	0.44	10.36	14.76
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) =SUM(column 4)			74.80
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			68.07
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day)			73.1

Click here to fill in details before printing: