

Water Efficiency Assessment – Condition 7 pursuant to PL/2024/09427.

Former Wiltshire Police Station, Grimstead Road, Whaddon, Salisbury. SP5 3EX,

Date: 03 February 2026.

1 Introduction

- 1.1 This Water Efficiency Assessment has been prepared to discharge Condition 7 of Planning Permission PL/2024/09427 dated 20 November 2025, which requires the approved dwelling to achieve a maximum water consumption of no more than 85 litres per person per day (including external water use) in accordance with the optional Building Regulations requirement.
- 1.2 The approved development comprises the conversion of the former Wiltshire Police Station on Grimstead Road to create one, four-bedroom property, together with associated garage and hobby space.

2 Methodology

- 2.1 In order to demonstrate compliance with the required water efficiency standard set by the Council, the applicant has used the recognised “Easy Water Calculator” tool, which assesses internal and external water usage based on a number of factors:
 - Number of occupants and bedrooms.
 - Sanitary fittings and appliances.
 - Water-saving measures and systems.
- 2.2 The calculator applies standardised flow rates and makes assumptions in terms of usage in line with the Building Regulations Optional requirement of a maximum water use (Part G methodology).

3 Development inputs into the calculator

- 3.1 The following inputs were used within the “East Water Calculator” for the approved dwelling:

General information:

- Number of dwellings = 1.
- Number of bedrooms = 4.
- Baseline water usage per person per day = 105 litres.

Toilets:

- Dual flush toilets = 4.
- Single flush toilets = 0.

Bathrooms:

- Wash hand basin = 4.
- Baths = 1.
- Showers = 3.

Other sinks:

- Kitchen sink = 1.
- Utility sink = 1.

Appliances:

- Washing machine = 1.
- Dishwasher = 1.

Other Water Systems:

- Greywater recycling = No.
- Rainwater harvesting system = Yes.
- Water softener = No.

4 Water Efficiency Outcome

4.1 Based on the above inputs, the “Easy Water Calculator” confirms that the proposed dwelling will achieve a total water consumption figure of:

- 85 litres per person per day.

4.2 This figure includes external water usage and is therefore fully aligned with the requirements of Condition 7 because the calculated consumption level is below the maximum threshold of 85 litres per person per day, thus demonstrating full compliance with the optional Building Regulations water efficiency standard as stipulated in the condition.

5 Summary

5.1 The water efficiency assessment has been undertaken using the “Easy Water Calculator” which confirms that the approved four-bedroom dwelling will achieve a water consumption rate of 82.5 litres per person per day, which is below the required maximum of 85 litres per person per day stipulated by Condition 7 of planning permission PL/2024/09427.

5.2 The proposed sanitary fittings, appliances, and rainwater harvesting measures collectively ensure that the development complies with the prevailing water efficiency and nutrient mitigation objectives within the River Avon catchment.

5.3 Accordingly, this statement confirms that the requirements of Condition 7 are satisfied, and the development may be occupied in compliance with the approved planning permission.

1

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Summary

Click on the plots below to expand details. **Please ensure all details are correct before proceeding.**

Grimstead Road

Target: 105 Liters



PASSED

82.5 Liters / Person / Day

General Information

Numbers: 1
Bedrooms: 4
Water usage Per Person: 105ltr

Toilets

Dual Flush: 4
Single Flush: 0

Bathrooms

Sinks: 4
Baths: 1
Showers: 3

Other Sinks

Kitchen Sinks: 1
Utility Sinks: 1

Appliances

Washing Machines: 1
Dishwashers: 1

Other Water Systems

Recycles Greywater: No
Has Harvester: Yes
Region: No
Water Disposal: No
Water Softner: No

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