

Lidsey Drainage Impact Statement

1. Introduction

This statement confirms the proposed foul and surface water drainage arrangements and identifies measures incorporated within the development to minimise any additional demand on the drainage network.

2. Nature of Development

The proposal comprises a first-floor extension and associated internal and external alterations to an existing single dwelling. The development does not create an additional dwelling or materially intensify the existing residential use. The proposal simply extends and improves the existing family home.

3. Foul Water Drainage

Foul water will continue to discharge via the existing connection to the public foul sewer. No new public sewer connection is required and no alterations are proposed to the existing drainage arrangements.

4. Surface Water Drainage

The proposed extension is located above the existing ground floor footprint and will not increase impermeable ground-level surfaces. Existing surface water drainage arrangements will remain unchanged, with rainwater from the new roof areas discharging to the existing drainage system. Consequently, the proposal will not materially increase surface water runoff from the site.

5. Water Efficiency Measures

To minimise demand on the wastewater network, the development will incorporate water-efficient fittings, including:

- Dual-flush WCs.
- Kitchen, basin and utility taps restricted to a maximum flow rate of 5 litres per minute.
- Showers restricted to a maximum flow rate of 8 litres per minute.
- Water-efficient appliances where selected by the applicant.

These measures will reduce potable water consumption and associated foul water discharge.

6. Conclusion

The proposal represents a modest extension to an existing dwelling with no increase in the number of residential units and no material increase in impermeable surfacing.

Existing foul and surface water drainage arrangements will be retained, and the incorporation of water-efficient fittings will minimise demand on the drainage network. The proposal is therefore considered to satisfy Arun District Council's validation requirements for development within the Lidsey Wastewater Treatment Works catchment.