

Lidsey Drainage Impact Assessment

Proposed Loft Extension

Applicant: Daniel Peach

Site Address: 2 Henty Close, Walberton, Arundel, West Sussex BN180PW

Date: 18/11/2025

1. Introduction

This Lidsey Drainage Impact Assessment has been prepared to support a planning application for a proposed loft extension at the above property. The purpose of this assessment is to consider any potential impacts of the development within the Lidsey Wastewater Treatment Works Catchment Area.

2. Site Description

The site comprises a single-storey residential dwelling located within a built-up suburban area. The property is surrounded by similar residential housing with private gardens. Key characteristics include:

- Building age: 1950s
- Current roof structure: Tiled pitched roof with no visible evidence of significant gaps
- Current Storm & Foul Water conditions: The existing roof is believed to drain into an onsite soak away (Contractor to investigate and confirm). The foul system comprises draining two bathrooms and a kitchen with associated foul water users into the mains sewage system.

No ponds, streams, or semi-natural habitats are present on-site. The property lies within a low-risk urban setting.

3. Proposed Development

The proposal involves a loft extension including:

- Hip-to-gable or dormer construction
- Installation of new roof windows
- Internal reconfiguration

All works are contained within the existing residential curtilage. No demolition of outbuildings or removal of mature trees is proposed. The new storm water drainage will be connected into the existing as the new roof area will be almost the same area as the existing. The foul water will be connected into the existing system. Reduced flush toilets will be incorporated into the design.

4. Conclusions

- The proposed loft extension is small in scale with low additional impacts.
- The development will not adversely affect the local networks.
- Appropriate water saving systems can be incorporated as part of the development to support local planning policy.