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surface water drainage assessment

application: Queens Road, Barnsley, S71 1AR

applicant: James Shaw

date: 28/06/2025

Introduction

This assessment is prepared in respect of the planning permission (2024/1086) for 4 proposed dwellings within the curtilage of the applicants' property, Queens Road, Barnsley, S71 1AR and in particular in respect to Condition 4 regarding surface water drainage.

Proposal

It is proposed, for the sustainable method of surface water drainage from the dwellings, the use of soakaways. A soakaway percolation test pit was excavated on 25/06/2025, measuring approximately 1.8m x 0.9m x 1.0m deep. The pit was filled with water to approx. 500mm deep and allowed to percolate into the natural ground over a period of time (as shown on the photographs).

Conclusion

The ground is rocky, gravelly clay and the water discharged adequately in a relatively short period of time. We are therefore of the opinion that this would satisfy Barnsley Building Control in terms of the suitable use of soakaways for this development.

