

From: Hockenhull, Joel <Joel.Hockenhull@balfourbeatty.com>
Sent: 20 April 2020 13:15
To: Bailey, Josh <Joshua.Bailey@herefordshire.gov.uk>
Subject: 200681 - Dev 1 Land Adjacent The Croft, Ledbury Road, Wellington Heath, Herefordshire,

Josh

We note that the foul drainage will connect to a public sewer

In accordance with the NPPF, Non-Statutory Technical Standards for Sustainable Drainage Systems and Policy SD3 of the Core Strategy, the drainage strategy should incorporate the use of Sustainable Drainage (SUDS) where possible. The approach promotes the use of infiltration features in the first instance. If drainage cannot be achieved solely through infiltration due to site conditions or contamination risks, the preferred options are (in order of preference): (i) a controlled discharge to a local watercourse, or (ii) a controlled discharge into the public sewer network (depending on availability and capacity). The rate and volume of discharge should be restricted to the pre-development Greenfield values as far as practicable. Reference should be made to The SUDS Manual (CIRIA C753, 2015) for guidance on calculating runoff rates and volumes.

On-site testing undertaken in accordance with BRE365 should be undertaken to determine whether infiltration techniques are a viable option. Where site conditions and groundwater levels permit, the use of combined attenuation and infiltration features are promoted to provide treatment and reduce runoff during smaller rainfall events.

It should be noted that soakaways should be designed for a minimum 1 in 30 year design standard, be located a minimum of 5m from building foundations, that the base of soakaways and unlined storage/conveyance features should be a minimum of 1m above groundwater levels, and must have a half drain time of no greater than 24 hours.

The drainage system should be designed to ensure no flooding from the drainage system (which can include on-the-ground conveyance features) in all events up to the 1 in 30 year event.

The Applicant must confirm the proposed adoption and maintenance arrangements for the surface water drainage system.

Joel

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Download the : [Herefordshire SuDS Handbook](#) and the [Strategic Flood Risk Assessment \(Level 1\)](#)