

Harvington Neighbourhood Plan, High level Risk Review

Potential impact of proposed developments on sewerage infrastructure assets

Date 29 October 2018

NOTE: The purpose of these desktop based assessments are to indicate where proposed development MAY have a detrimental impact on the performance of the existing public sewerage network taking into account the size of the development proposals.

For most new development provided the surface water is managed sustainably through use of a Sustainable Drainage Systems the additional foul only flows will have a negligible impact on existing sewer performance but where there are pre-existing capacity constraints additional capacity improvements may be required.

Where subsequent detailed modelling indicates capacity improvements are required such work will be phased to align with development occupancy with capacity improvement works will be funded by Severn Trent Water. However, whilst Severn Trent have a duty to provide additional capacity to accommodate planned development, we also have a requirement to manage our assets efficiently to minimise our customers' bills. Consequently to avoid potential inefficient investment we generally do not provide additional capacity until there is certainty that the development is due to commence. Where development proposals are likely to require additional capacity upgrades to accommodate new development flows it is highly recommended that potential developers contact Severn Trent as early as possible to confirm flow rates and intended connection points. This will ensure provision of additional capacity can be planned into our investment programme to ensure development is not delayed.

Note: These are desktop assessments using readily available information and have not been subjected to detailed hydraulic modelling

LPA	LPA Ref	Site Name	Settlement	Size (Ha)	Units	Sewage Treatment Works Catchment	Sewerage Comment		Potential impact on sewerage infrastructure	Surface water Comment		Potential impact of surface water sewerage infrastructure
							Known network constraints	Assumed connectivity		Outfall assumption	Surface water disposal	
Wychavon DC	IHS	Land off Village Street	Harvington		35	Harvington STW	No known remaining hydraulic flooding issues after a flood alleviation scheme completed in 2014.	Probable pumped connection into 225mm diameter sewer to the north of the site on Village Street.	Low	Culverted watercourse to the West of the site. Possible connection into manhole SP05491304 or new outfall into culvert.	To local watercourse	Low