

# Solihull Local Development

## Potential impact of proposed growth on

27th February 2012

**Note:** These are desktop assessments using readily available

Site Name	Units	Sewage Treatment Works Catchment
North Solihull Regeneration area	?	Coleshill
Mature Suburbs and Rural Area	?	Coleshill / Barston / Minworth
Local Plan General Business Sites	?	Coleshill / Barston

# Framework

## sewerage infrastructure assets

le information and have not been subjected to detailed hydraulic modelling

Sewerage and Sewage Treatment Comment
<p>Separate foul and surface water sewers exist in in this area. There are records of minor foul sewer flooding and some capacity issues on the network between the regeneration area and the Coleshill STW. Some localised capacity improvements may be required to accommodate additional foul flows from the regeneration areas. Some of the sites are brownfield and should not have a significant impact on the performance of the sewerage network.</p> <p>Surface water should be attenuated on site. Where infiltration is not possible, surface water should discharge to the River Cole or its tributaries where possible. Where discharge to the River Cole or its tributaries is not possible, attenuated flows may discharge to the public surface water sewer network.</p>
<p>An initial analysis indicates that there is sufficient treatment capacity available at Coleshill STW to accommodate flows</p>
<p>Proposed development in the mature suburbs and rural area is generally smaller scale and more dispersed than the North Solihull Regeneration Area. Any capacity improvements are likely to be localised and small scale and should be assessed using hydraulic modelling.</p>
<p>An initial analysis indicates that there is sufficient treatment capacity available at Coleshill STW, Barston STW and Minworth STW to accommodate flows from the proposed scale of development</p>
<p>The majority of proposed business sites are on previously developed land. The net impact on the sewerage network is therefore considered to be low. This is dependent on the use of the commercial buildings and the impact should be confirmed using hydraulic modelling.</p>

**Potential impact on sewerage infrastructure**

Low / Medium - local upsizing may be required, subject to hydraulic modelling

Low / Medium - local upsizing may be required, subject to hydraulic modelling

Low - capacity issues unlikely, dependent upon building use and subject to hydraulic modelling