

Water Cycle Study Addendum – Option 4 revised – Scraftoft North SDA

This option would see over a third of all development take place in the PUA, with over 1200 houses envisaged. Major development at Scraftoft, Thurnby and Bushby would require a substantial upgrade of the waste treatment works at Wanlip. This plant is at capacity already.

There is some local flood risk from local watercourses and from surface flooding, but of greater import is the potential for additional flood risk downstream in Leicester. Any major development should incorporate sustainable drainage that is designed to hold back a greater amount of rainfall than required just for local flooding and opportunities to improve local water quality should be identified. Scraftoft has a Local Nature Reserve, through which flows the Scraftoft Brook. This watercourse is heavily modified and opportunities to naturalise the site, by removing man-made modifications should be considered. This area, with the nature reserve should be preserved as open space and an important wildlife corridor.

Drainage to the north would impact on the Melton Brook, which joins the Soar north of Leicester city centre. Any development would again need to ensure that flows are held back to reduce risk in Leicester City and surrounding urban areas that fall within Charnwood Borough.

