

# Community Profile: Foss

This area covers the stretch of the River Foss from Piccadilly all the way upstream to Earswick. It also covers South Beck, and Westfield Beck up to Wigginton.

The main river extent on the River Foss reaches up to Yearsley Bridge. Upstream of this location the River Foss is designated ordinary watercourse and is located within the Foss Internal Drainage Board area. As such, it is managed by the of the Internal Drainage Board.

There are no flood defences in this area. Flood warning services are provided for the Foss at properties on Huntington Road, Haley's Terrace, Yearsley Crescent, The Groves, Foss Bank and properties surrounding Wormalds Cut and Foss Navigation. There are emergency plans in place for Wigginton, Haxby and New Earswick, however there are currently no flood wardens within this area.

We estimate that around 610 residential properties are currently at risk of flooding from the River Foss within this area during a 1% (1 in 100 year) flood event. This may rise to 730 due to climate change.

As part of the River Foss Model Improvements project in 2009, a study to investigate the feasibility of flood storage on Westfield Beck, primarily by utilising data from the previous study together with additional modelling. Conclusion from the report included that to prevent flooding the peak water level at the New Earswick culvert should be maintained. Furthermore, there were no sites with ground levels suitable for natural storage and it will be necessary to excavate a storage pond. A preferred site for a pond was identified on the left bank of Westfield Beck, between the York and Scarborough railway line and Haxby Road.

## What work may be possible?

- ✓ Create upstream storage, such as adjacent to Westfield Beck
- ✓ Channel maintenance
- ✓ Property level resilience
- ✓ Install a low flood wall at the end of Huntington Road



