Following the devastating effects to the thousands of homes and businesses from the 2007 floods, East Riding of Yorkshire Council (ERYC) formed a partnership with Hull City Council (HCC) with the single purpose of investigating solutions to reduce the threat of repeat flooding.

With the assistance of the Environment Agency (EA), ERYC has undertaken large scale ground surveys and complex computer modelling of flooding in the catchment. The model has been verified by comparing the simulated events with the experiences and records of the 2007 floods. As a result, the proposed Willerby and Derringham Flood Alleviation Scheme (WaDFAS) was identified as part of a suite of schemes that will reduce the risk of surface water flooding to the Derringham area of Hull and parts of Willerby, in the East Riding of Yorkshire.

An economic evaluation in accordance with EA standards has been carried out by ERYC to calculate the most cost effective solution and provide the required standard of protection to Willerby and Derringham. The WaDFAS proposes a series of lagoons for rainwater storage along the Great Gutter Valley. These lagoons will resemble flat pasture and for the majority of the time will remain dry, only to be filled during severe wet weather events.

From the economic evaluation an application of £14.4m from the Environment Agency and the European Regional Development Fund has been made to fund this scheme. The scheme is proposed to be complete for the end of 2015.
WILLERBY AND DERRINGHAM FLOOD ALLEVIATION SCHEME (WaDFAS)

WILLERBY AND DERRINGHAM FLOOD ALLEVIATION OBJECTIVES:

1. The direct reduction of pluvial flood risk to circa 8000 domestic properties including 200 businesses
2. To provide economic stability to the Willerby and Derringham areas by a reduction in pluvial flood risk
3. Create a positive environment for further economic investment and development for areas that are currently blighted by severe flood risk
4. Contribute to the reduction of insurance costs and to increase the eligibility for household and business insurance
5. Help maintain commercial and public transport routes during extreme rainfall events to ensure people and deliveries get to their destinations without disruption.
6. Contribute to the health, safety and security of the residents and businesses of Willerby and Derringham by reducing the likelihood of contamination and damage from flood water.

CONTACT INFORMATION

Please E-mail any comments or queries to: wadfas@eastriding.gov.uk

OR YOU CAN WRITE TO US AT:

Civil Engineering Services, East Riding of Yorkshire Council, County Hall, Cross Street, Beverley, East Riding of Yorkshire, HU17 9BA

LATEST WADFS PROGRAMME (SUBJECT TO REVIEW):

- Carried out Surveys and Modelling
- Proposed Outline Design
- EA Funding Approved
- Detailed Design & Planning Submission
- Acquired land
- ERDF Funding Application
- Planning Permission Granted
- Detailed Design
- Phase 1 Construction
- Procured Contractor
- Start on Site
- Phase 2 Construction
- Complete on Site

- March 2012
- July 2012
- Nov 2012
- May 2013 to Mar 2014
- Aug 2013 to Nov 2014
- Oct 2013
- Feb 2013
- Oct 2013 to July 2014
- Spring 2014
- Aug 2014
- Nov 2014 to Dec 2014
- 2015
- Autumn 2015
WILLERBY AND DERRINGHAM FLOOD ALLEVIATION SCHEME (WaDFAS)


WILLERBY CARRS SECTION

GREAT GUTTER VALLEY SECTION