

**ENVIRONMENT SCRUTINY PANEL
15 FEBRUARY 2018**

FLOOD RISK MANAGEMENT - UPDATE

This report is based upon recommendations 90 & 91 of the Pitt Report, stating that 'Scrutiny Committees' need to review works carried out to manage flood risk, and also that they should receive an annual summary of actions taken locally to manage flood risk.

Flood & Water Management Act, 2010 (FWMA);

Management of Flood Risk.

Schemes

- **Saltersgill Fields**

The scheme is to capture overland flows which have caused flooding problems in Saltersgill. Drawings have been completed and planning permission gained. However when completing the Outline Business Case for the Environment Agency it was noted that some properties would not benefit from the SuDS scheme. The EA have asked for further modelling to be completed and the scheme widened to include these other properties, funding has come from the EA for this and it is now envisaged around 125 properties will have improved protection.

The scheme is scheduled to be completed in 2018/19

- **Ormesby High Street**

A number of properties on Ormesby High Street have suffered from flooding in the past. The mechanism for this has been overland flows from Ormesby Hall and under capacity of the Middlebeck culvert. Funding has been applied for from the FCERMGiA, this is over two years 2018/2020. We have started early discussions with National Trust about scheme.

Albert Park Trash Screen

The screen was nearly overtopped by flood waters in November 2016, it was felt that the screen contributed to this in that it was very difficult to clear the amount of debris blocking the screen. The EA in conjunction with ourselves have designed a new screen which should allow waters to flow and make it easier to clear debris. Drawing attached below.

Studies

- **Environment Agency/ Northumbrian Water Marton West Beck**

This study is a joint study between EA, NWL and ourselves. We are at the stage where we have a short list of options. These options are based upon the existing dams in the Coulby area and Gunnergate Lake. Also improvements to the flood walls in the lower reaches of Marton West Beck.

The study is due to be completed in May.

- **Regional Prioritisation Approach**

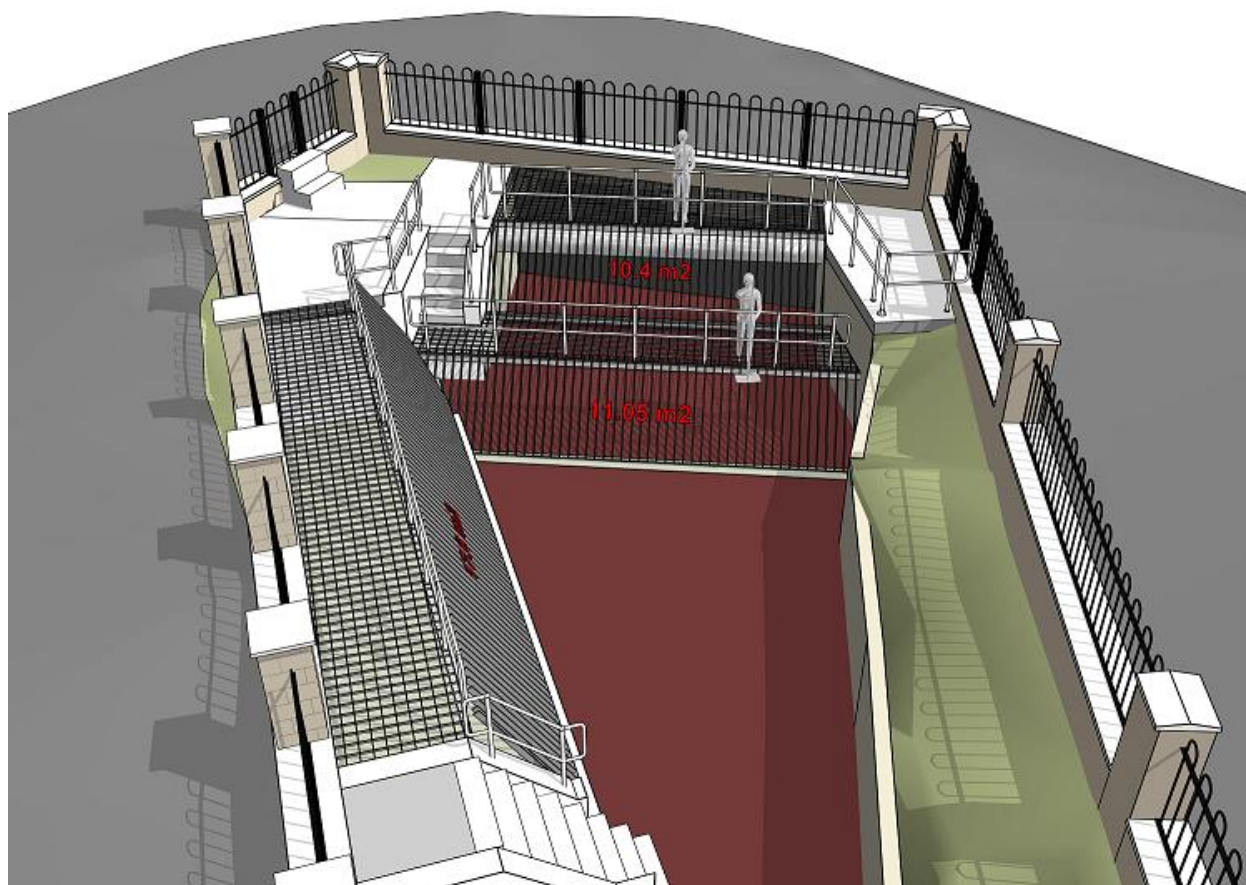
We are due to start a new study in conjunction with NWL and EA in the next financial year, this study will concentrate on Middlesbrough East following the floods on April 1st. The study is to be funded jointly between all three parties. A bid will be put in for Local Levy funding for our contribution.

Developments

All major developments are now including Sustainable Drainage (SuDS) techniques. This is in line with National Guidance and the Tees Valley Standards. Examples include Ponds and Swales at Hemlington Grange and the Old Police HQ. Storage Cells on the proposed Bishopton Road development and cascading ponds and swales on the Brookfield site.

Stephen Binks
Principal Engineer
Tel: 01642 728156

Proposed new Albert Park Trash Screen



Albert Park Trash Screen day after near flood

