

**Proposed Decision to be taken by the
Portfolio Holder for Finance and Property
On or after 17 March 2017**

**Addition of Kites Hardwick Flood Risk Management
Scheme to the 2017/18 Capital Programme**

Recommendation

That the Cabinet Portfolio Holder for Finance and Property adds the Kites Hardwick Flood Alleviation scheme to Warwickshire County Council's 2017/18 capital programme. The total scheme estimate is £59,000 all of which is fully funded.

1.0 Key Issues

- 1.1 Warwickshire County Council's (WCC) Local Flood Risk Management Strategy provides the structure for how it assesses local flood risk in Warwickshire. The associated Surface Water Management Plan provides the prioritisation for flood risk management work.
- 1.2 Kites Hardwick has a history of repeated flooding and the work that has been done in modelling and developing flood mitigation solutions in Kites Hardwick is consistent with WCC's strategic objectives and plans.

Scheme specific details are included below:

Kite Hardwick Project

- 1.3 The village of Kites Hardwick straddles the A426 some 8 km south of Rugby and is located on the River Leam.
- 1.4 Kites Hardwick suffers flooding from surface water, once highway and surface water systems are hydraulically overloaded.
- 1.5 In April 2016 WCC Flood Risk Management team was successful in obtaining £10,000 funding from the Trent Region Flood and Coastal Committee and we have used this to develop a model which linked surface water flow paths with a two dimensional topographical information to better understand the flooding mechanisms impacting Kites Hardwick and to undertake an options appraisal.

- 1.6 Of all the options appraised, the provision of Property Level Resilience measures (PLR) provided the most cost effective solution.
- 1.7 PLR surveys have been carried out at 7 properties and approval for a business case has been granted by the Environment Agency. This has secured the additional £17,700 funding to deliver a capital scheme.

2.0 Options and Proposal

- 2.1 A number of options have been considered with PLR being identified as the preferred and the most economically viable option to reduce internal property flooding within Kites Hardwick village.
- 2.2 The specific proposal is for PLR to 7 properties. These properties were identified after a flood risk mapping exercise and community engagement with residents who expressed an interest in participating in the scheme. Individual property owners will be responsible for ongoing maintenance.
- 2.3 The protection provided to each property will be tailored to the specific needs of each property being defended. Typical protection would include installation of anti-flood air brick and vent covers, flood doors, demountable flood barriers, sump pumps beneath floor level and waterproofing to external walls and other porous surfaces.
- 2.4 Procurement will be via competitive tendering.
- 2.5 The financial implications from this approval request are:

The total scheme estimate is £59,000 which includes internal staff time, property surveys and contract delivery.

WCC has received two grants towards the cost of this scheme: £10,000 from the Trent Region Flood and Coastal Committee and £17,700 from the EA.

The additional £31,300 will come from the additional funding given by WCC for Flood Risk Management over the period 2014 to 2018.

3.0 Timescales associated with the decision and next steps

- 3.1 Subject to approval the installation of PLR could commence in July 2017.

Supporting Papers

Appendix 1: Letter from the Environment Agency confirming approval of a property level protection scheme in Kites Hardwick.

Background Papers

None

	Name	Contact Information
Report Author	Barry Ridgway	barryridgway@warwickshire.gov.uk 01926 412523
Head of Service	Mark Ryder	markryder@warwickshire.gov.uk 01926 412811
Strategic Director	Monica Fogarty	monicafogarty@warwickshire.gov.uk
Portfolio Holder Community Safety	Cllr John Horner	cllrhorner@warwickshire.gov.uk
Portfolio Holder Finance and Property	Cllr Alan Cockburn	cllrcockburn@warwickshire.gov.uk

The report was circulated to the following members prior to publication:

Local members: Cllr Howard Roberts

Other Members: Cllrs Western, Morris-Jones, Dirveiks, N.Davies

creating a better place

Your Ref :

Our Ref : LDW 41976 - CF3692

Barry Ridgway
Warwickshire County Council
Shire Hall

Warwick
Warwickshire
CV34 4SA



Environment
Agency

RECEIVED - 6 FEB 2017	
COMMUNITIES GROUP	
LEADERSHIP TEAM	
GROUP	

Date : 25 January 2017

FCERM Capital Grant Payment Notification

Dear Barry Ridgway

Application for interim payment of grant : Scheme No. LDW 41976 - CF3692

Kites Hardwick, Rugby, River Leam, Property Level Protection Scheme

I refer to your application dated 24 January 2017 for an interim payment of grant on the above Scheme.

A credit for the sum of £17,700.00 will be paid into your bank account within 21 days.

Yours Sincerely,

Sarah Muxlow
Assistant Management Accountant
Tel : 02030 252480

Environment Agency
Manley House
Kestrel Way
Exeter
EX2 7LQ



INVESTOR IN PEOPLE