Flood alleviation report - Weston-Sub-Edge

The following report summarises the historic flood risk within the settlement and the work that has been undertaken to greatly reduce the flood risk. Where there is scope for further work this is also included, however the Council considers that sufficient work has been undertaken at this time to improve flood risk and in publishing this report has concluded that no further work will be planned in the immediate future. The Council will continue to monitor the impact on settlements of high rainfall and investigation any flood events that occur, recommending further flood alleviation works where it is deemed appropriate.

Settlement	Weston-Sub-Edge		
Historical flood issues (2007	July 2007 – 16 properties affected		
- 2013) and number of			
properties flood affected:			
Flood history obtained	Reports commissioned by Cotswold District Council:		
from:	Review of the Summer 2007 floods in Cotswold District First Phase Report 18 February 2008, Second Phase Report May		
	2008, Second Phase – Site summary sheets June 2008, produced by Hyder Consulting		
Information used to assess	Reports listed above.		
suitable flood alleviation	Site investigation by CDC land drainage team.		
scheme:			
Expert advice sought:	Hyder consulting & CDC land drainage team		
Who was consulted:	Parish Council flood working group, Highway authority, Residents		
Flood alleviation measures	Measure	Area protected	Date of
implemented & date of			completion
completion:	Saintbury brook bank protection - removal of inflow from Saintbury brook	Central village particularly	Spring 2013
	to the Coombe brook to prevent increased volumes of water flowing into	Friday street culvert area	
	the village.		
	Surface water diversion scheme - reprofiling of driveways and junctions to	Lynches	Spring 2013
	direct surface water to new carrier pipeline which discharges into the	Church Street	
	Coombe brook, down stream of the village.		
	Installation of communal property level protection at Cider Mill Orchard,	Cider Mill Orchard	Spring 2013
	allowing water to pass through wall into public house car park and onto		
	road rather than build up behind wall flooding properties		
Flood protection level	The surface water diversion scheme has achieved 1 in 75 year flood protection		
achieved (i.e. I in 100 year	The Saintbury brook bank protection scheme has achieved 1 in 30 year flood protection		
flood event)			
Partners involved in funding	Cotswold District Council £127,000		

scheme:	Gloucestershire County Council Environment Agency – for communal property level protection Parish Council	£3,700 £5,000 £12,500	
Outstanding sources of	Further work could be undertaken to the Coombe brook to alleviate flood risk from the Friday street culvert, during		
flood risk which could be	significant flood events.		
alleviated:	Attenuation schemes could be considered using existing historic moats or building a bund upstream to reduce water volumes during significant flood events.		