

## 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.

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

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