

**FLOOD ALLEVIATION CAPITAL PROJECTS & MAINTENANCE WORKS ONGOING/PLANNED**

<b>Location</b>	<b>Issue/Works</b>	<b>No. of properties protected</b>
<b>1. Sud brook – The Lampreys/Cheyney Close, Matson &amp; Robinswood/Barnwood</b>	Surface water/ flooding from Sud and Matson brook - works to include Property Level Protection measures in addition to engineered solutions including bunds, ground reprofiling and flood barriers. Joint funded scheme – DEFRA, Glos County Council, City Council and GCH. Property level surveys completed detailed design underway.	<b>40+</b>
<b>2. Stroud Road, Tuffley</b>	Surface water flooding issues due to water pouring off fields adjacent to Grange Road. Works to include extending existing bund along Grange Road, replacement of trash screen on Stroud Road (Whaddon brook) and ground works on the junction of Bybrook Road and Grange Road to manage surface water flows.	<b>Approximately 10</b>
<b>3. Deans Way, Kingsholm and Wotton</b>	Surface water/flooding from River Twyver (when River Severn running high for prolonged period) which fills the public open space and up to the rear threshold of properties. Further investigation required, works may involve bunding of the public open space opposite the rear of residential gardens.	<b>Approximately 10</b>
<b>4. Bristol Road, Quedgeley Severn Vale - surface water drainage into Dimore trib</b>	Works to improve the conveyance of surface water system, problems identified with silt, debris and roots during investigations and CCTV survey. Works to include high pressure jetting and removal of silt, roots and other debris.	<b>Approximately 6</b>
<b>5. Barnwood Park – Wotton brook, Barnwood</b>	Works to improve the efficiency of pond to reduce risk of downstream flooding issues. Additional works being considered include creating additional storage and water treatment through a swale and reed bed system.	<b>Approximately 20 + highway</b>
<b>6. Highclere Road, Quedgeley Severn Vale</b>	Over topping of Dimore brook, works will look to include the installation of a flood alert/warning system and possibly Individual Property Level Protection measures to those properties at highest risk.	<b>Approximately 20</b>
<b>7. Porchester Road, Hucclecote</b>	Works to reduce the risk of flooding from Wotton brook - works under investigation include improving existing drainage, providing additional drainage, in channel storage and works to redirect flows back into the channel.	<b>Approximately 20 + highway</b>
<b>8. Saffron Close, Matson and Robinswood</b>	Issues with surface water discharging off City Council land into residential garages. Works to include drainage improvement works.	

Location	Issue/Works	No. of properties protected
9. Sandyleaze Field, Elmbridge	Bank erosion issues at a number of locations along the Horsbere brook. Works to include bank strengthening works which may include willow spiling etc.	
10. River Twyver, Suffolk Drive, Westgate	Issues with existing header wall structure and poor access for maintenance purposes, works to include improvements to existing structure and improved access and possible desilting works.	
11. Deans Walk, Kingsholm and Wotton	Surface water/ flooding from River Twyver. Property level surveys to be completed in spring 2016 to identify potential works which may include the installation of Property Level Protection measures i.e. flood doors, air brick covers, non return valves and flood barriers. Joint funded scheme – DEFRA and Gloucester City Council.	46
12. Tewkesbury Road, Kingsholm and Wotton	Issues with standing surface water. Property level surveys to be completed in spring 2016 to identify potential works which may include the installation of Property Level Protection measures i.e. flood doors, air brick covers, non return valves and flood barriers etc. Joint funded scheme – DEFRA and City Council.	6
13. Lobleys Drive Park, Hucclecote	Planting of reeds and other wetland plants in pond area which takes surface water from highway and adjacent POS to improve water quality and habitat creation.	
14. River Twyver - Malmesbury Road, Barnwood	Clearance of the banks and channel in addition to desilting works.	Approximately 16+, subway and footpath
15. River Twyver - Overbury Road, Barton & Tredworth	Clearance of the banks and channel in addition to desilting works.	Approximately 32
16. Wotton brook at Barnwood Park, Barnwood	Current trash screen traps small debris which causes watercourse to back-up. In addition screen is difficult to clear and maintain. Works required include some desilting works and replacement of existing trash screen.	Approximately 11+ properties & highway
Total		Approximately 237 properties