

FLOOD ALLEVIATION CAPITAL PROJECTS & MAINTENANCE WORKS COMPLETED

APPENDIX 1

Location	Issue/Works	No. of properties protected
1. Dinglewell / Green Lane, Hucclecote	Surface water/flooding from Wotton brook - Installation of individual property flood protection measures at ten properties. Works included: flood doors, new brickwork, flood proof airbricks, masonry repairs and non return valves.	10
2. Churchdown Lane, Jersey Rd, Lynton Fields & Lock House	Completion of individual property flood protection surveys.	
3. Rea Lane / Upper Rea, Westgate	Issues with surface water pooling in Rea Lane making it inaccessible for residents for prolonged periods of time including in 2012 and 2014. Construction of large diameter twin pipes and headwalls to facilitate flood water dispersal from Rea Lane. Joint project with the Environment Agency and Gloucestershire County Council.	16 + highway (part protection)
4. Tewkesbury Road, Kingsholm and Wotton	Surface water flooding due to Wotton brook backing up when the River Severn is high for prolonged periods - Works have included the installation of new chamber with non return valve in the highways drainage system and the construction of a storage swale along with associated highways works and planting. Joint project between the City and County Council's and Gloucestershire Highways.	6 + highway
5. Barnwood Park, Barnwood	Planting of reeds and other marginals to reduce issues with odour and provide a degree of flow attenuation.	
6. Fox Elms Road, Tuffley	Minor drainage works carried out to protect property against surface water issues.	1
7. Sandhurst Lane, Kingsholm and Wotton	Fluvial flooding from River Severn - Installation of a perimeter interceptor drain, sump pump, and a floor tanking system using DEFRA 'repair and renew' funding.	1
8. Beaumont Road, Longlevens	Runoff from City Council land affecting residential property - Installation of drainage to prevent flooding issues.	1
9. Barnwood Park Weir, Barnwood	Vegetation removal and renovation works to the weir structure to improve the resilience of critical asset.	

Location	Issue/Works	No. of properties protected
10. St Peters School, Stroud Road - Phases 2 and 3, Tuffley	Completion of phases 2 & 3 works to reduce surface water runoff from the school. Works include the construction of several ponds, swales and reed beds. Benefits of the work include flood risk reduction in the downstream catchment along with habitat creation, improved water quality and the provision of a valuable learning resource. The scheme is a joint venture between Gloucester City Council, Environment Agency, St Peter's School, Gloucestershire County Council and Glos Highways.	6+ and highway,
11. Carters Orchard, Quedgeley Severn Vale	Installation of a new pipe and headwalls and clearance of 100 m of channel to improve flow and reduce blockages.	Approx 8
12. Dimore Brook, Overbrook Road, Quedgeley Fieldcourt	Removal of a restrictive culvert and installation of new pedestrian / cycle footbridge. In addition to works carried out by Severn Trent Water to remove an obstruction caused by one of their outfalls.	Approx 16
13. Whaddon brook, Tuffley	Reinstatement of the watercourse channel to the rear of property in Bybrook Gardens. The channel had been 80% obstructed by 'build-over' work as a result of property owner shoring up rear garden.	Approximately 6+
14. Langate House, Robinswood Hill	Construction of a dwarf wall to divert flood flows from hill away from the ground floor flats into existing drainage network. Clearance works to highways drainage system.	5
15. Milton Avenue, Podsmead	Extensive clearance of the ditches in the POS area completed. Further works ongoing and planned in the near future. In discussion with Amey regarding future maintenance requirements.	Approximately 30 taken from County SWMP
Total		Approximately 106 properties