

Appendix G

ACTION PLAN

East Herts SWMP Detailed Action Plan

Item	Type	Action	Priority
B1	Buntingford	Property Level Protection in the Business Park	H
B2	Buntingford	Property Level Protection is recommended as main mitigation for areas in the downstream part of the hotspot, including properties located along Monks Walk, the High Street and Rib Way. Alternatively, the measures below are expected to reduce the flood risk and therefore the need for Property Level Protection for these properties.	H
B2i	Buntingford	Investigation into measures to keep preferential flowpath along Station Road, e.g. raising kerbs, using rills and reprofiling levels. This will reduce runoff draining into Rib Way.	H
B2ii	Buntingford	Further reductions to the overland flows impacting properties in Monks Walk are likely to be achieved as a result of the proposed development within the land between the A10 and Monks Walk. The development should consider drainage and/or attenuation storage to minimise runoff along the B1038.	H
B3	Buntingford	Modify drainage along the side branches of Vicarage Road and introduce permeable pavements if financially viable.	M
B4	Buntingford	Investigate option to upsize pipes that drain the area of Newtown to increase drainage into River.	M
B5	Buntingford	Modify drainage upstream of Snells Mead; this involves investigating option to install a small drain to improve conveyance of flows towards the pipe and/or upsize pipes along Snells Mead and Station Road to increase drainage into River.	M
BE1	Bengeo	Property Level Protection for the houses in Globe Court and the properties downstream in the same flowpath.	H
BE1i	Bengeo	Speed bump to direct the preferential flowpath from The Avenue towards Wadesmill Road to the north. This would stop the flowpath from going down Bengeo Street and reduce flooding of the properties downstream. This option may remove the need for Property Level Protection in some of the properties in Globe Court. However, further investigation to the viability of this option is recommended.	H
BE2	Bengeo	Property Level Protection for the properties around Watermill Lane and Ribe Vale.	H
BE2i	Bengeo	Investigation into measures to keep preferential flowpath along Watermill Lane, e.g. raising kerbs, using rills and reprofiling levels.	H
BE3	Bengeo	Introduce permeable pavement and ensure a preferential flowpath through the footpath at the end of Duncombe Close, e.g. using rills or road reprofiling.	H
BE4	Bengeo	Increase infiltration in the upstream area of the hotspot, for example by encouraging gravelled driveways or grassed front gardens.	M
BE5	Bengeo	Ensure flowpaths between properties are maintained, for example by preventing expansions between detached or semi-detached houses.	M
BE6	Bengeo	HCC to carry out a general investigation about garden boundary lines to ensure there are no impermeable fences.	M
HR1	Hadham Road - Bishop's Stortford	Introduce Property Level Protection along the eastern end of Hadham Road, though mitigation measures upstream, as detailed below, may reduce flooding of the road and adjacent properties in this area.	H
HR1i	Hadham Road - Bishop's Stortford	There is a preferential flowpath from northwest to southeast with water draining from the field to the residential area in Maple Grove. It is recommended to maintain a bund to attenuate water within the field.	H
HR1ii	Hadham Road - Bishop's Stortford	Runoff from the recreation ground, north of Hadham Road, will likely spill onto the road, so it is recommended to maintain a bund or raise the kerb to attenuate water upstream.	H
HR1iii	Hadham Road - Bishop's Stortford	Maintain a bund to attenuate water within open areas/playing fields south of Maze Green Road. This will reduce runoff from draining north through the properties along Maze Green Road and towards Matching Lane, as well as east into the school area of Bishop's Stortford College.	H
HR1iv	Hadham Road - Bishop's Stortford	Consider increasing the capacity or improving the conveyance by re-profiling the ditches east of Matching Lane.	H
HR1v	Hadham Road - Bishop's Stortford	Maintain a bund to retain water within the car park of Saint Mary's Catholic School; this will minimise flow across the school buildings	H

Item	Type	Action	Priority
HR7	Hadham Road - Bishop's Stortford	Ensure all the recommendations made by Draincare as part of their investigations in 2012 have been implemented; these can be summarised as: 1) Increase gully and pipe capacity outside the Junior School at Bishops Stortford College; 2) Repair of collapse sections of pipe and removal of tree root ingress; 3) Desilting key sections of the pipe network; 4) Restore blocked open watercourses to its original width and work with the riparian owners to educate them on the associated risks and need to undertake maintenance.	H
HR8	Hadham Road - Bishop's Stortford	Ensure suitable maintenance regime/prestorm action plan is in place to reduce the risks of the grilles becoming blinded.	M
HR9	Hadham Road - Bishop's Stortford	Work with the riparian owners to encourage deculverting, particularly along Matching Lane (properties 12-16).	M
HR10	Hadham Road - Bishop's Stortford	Consider increasing the attenuating capacity of the balancing pond located in the grounds of Bishop's Stortford College.	M
BA1	Benhooks Avenue - Bishop's Stortford	Property Level Protection for the properties at the northern end of Badgers.	H
BA1i	Benhooks Avenue - Bishop's Stortford	Modification to highway drainage along the northern branch of Badgers and introduce permeable pavements if financially viable.	H
BA2	Benhooks Avenue - Bishop's Stortford	Property Level Protection for the houses to the south of Waytemore Road . It is recommended that HCC undertake a site visit to ensure preferential flowpaht from Waytemore Road to Benhooks Avenue exists.	H
BA3	Benhooks Avenue - Bishop's Stortford	Property Level Protection for the properties around South Street at the eastern end of the hotspot and modification to highway drainage along South Street. These options should be low priority if upstream measures, as detailed below, could be implemented.	H
BA3i	Benhooks Avenue - Bishop's Stortford	Surface water runoff is flowing from Clay Pit Farm towards Great Hadham Road and into the residential areas within Hotspot 44. Maintain a small bund around the farm to attenuate water upstream.	H
BA3ii	Benhooks Avenue - Bishop's Stortford	Retain water within the allotment area, west of Piggotts Way, by maintaining a small bund along the eastern boundary. This will reduce water flowing into Ward Crescent and Waytemore Road.	H
BA3iii	Benhooks Avenue - Bishop's Stortford	Further investigation into reprofiling ground levels at the intersection of Cemetery Road and Benhooks Avenue to improve conveyance into the drain downstream (east) of Cemetery Road.	H
RR1	Raynham Road - Bishop's Stortford	Property Level Protection is recommended as main mitigation for this hotspot, including properties located along Plaw Hatch Close, Raynham Road and the commercial buildings within the industrial estate. Alternatively, the measures below are expected to reduce the flood risk and therefore the need for Property Level Protection for these properties.	H
RR21i	Raynham Road - Bishop's Stortford	Investigate possible upstream storage attenuation and/or widening of drains within the golf course, but consultation with the owner is required before any planning of mitigation works could be carried out.	H
RR21ii	Raynham Road - Bishop's Stortford	Investigate potential storage within recreation grounds in Walden Court.	H
RR21iii	Raynham Road - Bishop's Stortford	Investigate potential attenuation within the school grounds of the Summercroft Primary School and/or the possibility of constructing a wall or raising the kerb along Raynham Road to retain water in the school fields.	H
RR21iv	Raynham Road - Bishop's Stortford	Investigation needed on the flowpath (culverted or open channel) downstream of the Dummow Road (A1250) Bridge. Potential upsizing of pipes along the car park within the industrial estate is needed to increase drainage towards the open channel along Stortford Hall Park.	H
RR21v	Raynham Road - Bishop's Stortford	Speed bumps to keep water along Parsonage Lane and potential controlled spillage into the school fields of the All Saints CE Primary School. However, further investigation is needed on the capacity of the open channel (adjacent to Church Manor) that drains the school grounds and the downstream pipes to accommodate this additional discharge.	H
P1	Potter Street/South Street - Bishop's Stortford	Property Level Protection for properties along Potter Street/Potter Street	H
P2	Potter Street/South Street - Bishop's Stortford	Further investigation to look at thresholds in the shops along Potter Street/South Street may provide evidence to support the business case for Property Level Protection.	H

Priority:

L= Low

M = Medium

H = High