

Improve property resistance and resilience for identified groups of properties along Berkhamstead Road and Broad Street.

Route surface flow from Bellingdon Road (via Sunnyside Road and Higham Road) into overground or underground storage in the Higham Mead industrial estate. Also route surface flow from Berkhamstead Road into the same storage. Improve property resistance and resilience along the flow routes and in the industrial estate.

Route surface flows from Vale Road and Nashleigh Hill via swales into a detention basin in the Recreation Ground. Improve property resistance/resilience along route as required.

Install a slot drain and soakaway across The Spinney immediately upstream of a speed bump. Improve property resistance/resilience for at least two properties across natural flow route.

Route surface flow from Nalders Road / Cameron Road into detention basins in the Allotment Gardens via a swale.

Supplement improved programme of maintenance with attenuation of surface flow in green street planters or rain gardens adjacent to the junction with Belmont Road.

Route surface flow from Asheridge Road into a detention basin in the Allotment Gardens via a swale.

Attenuate surface flow in detention basins / swales or green street planters formed by lowering existing grassed areas adjacent to junction with Victoria Road.

Route surface flows through the High Street via a shallow cobbled swale/channel, discharging into a rain garden at the Broadway. Route surface flows from The Broadway and the Vale Brook through the High Street via a cobbled swale/channel, discharging into the existing culvert at Red Lion Street. Improve property resistance and resilience along route.

Attenuate surface flow through shallow storage in existing car parks, appropriately lowered. Incorporate daylighting of the Vale Brook through library and Sainsbury's car parks to increase storage capacity.

Improve property resistance and resilience for identified groups of properties around Pednornead End. Raise weir on River Chesh adjacent to the tennis courts to increase storage of high flows in the open ground adjacent to Missenden Road. Weir design could ensure no impact on low flows.

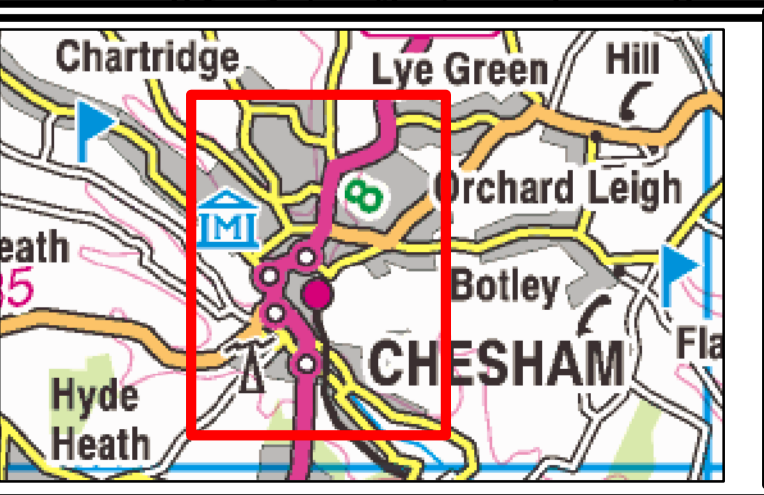
Attenuate surface flow along Fuller's Hill in a detention basin formed by lowering existing grassed area adjacent to junction with Fuller's Close.

Improve property resistance/resilience for the commercial establishments and residential properties adjacent to Amersham Road and Mineral Lane.

Improve property resistance and resilience for identified groups of properties along Waterside

Lower roundabout to attenuate surface flow in a detention basin before discharging at controlled rate to the River Chesh.

Reprofile Moor Road and adjacent car parking area to route surface water into the natural channel adjacent to the Allotment Gardens.



Legend	
	Road Profiling
	Property Resistance/Resilience
	Swale
	Surface Flow Routes
	Maximum Velocity (m/s) 0.5% AEP
	0.5 - 1.0
	1.0 - 2.0
	> 2.0
	Green Roofs
	Detention Basin
	Maximum Depth (m) 0.5% AEP
	< 0.1
	0.1 - 0.5
	0.5 - 1
	1.0 - 1.5
	> 1.5
	Pond & Wetland
	Urban Storage
	Increase Capacity
	Blue River Network
	Primary River
	Secondary River
	Tertiary River (MasterMap single line)
	Lake / Reservoir
	Extended Culvert (greater than 50m)

Drawing Title	Chesham Options Identification
Drawing Number	Appendix A

Chesham and High Wycombe SWMP

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