



Option 5 - Shortlisted
 Retrofitting of SuDS is proposed as a hotspot-wide scheme, with the adoption of existing green spaces. There are many opportunities across the hotspot, which provide the opportunity for various forms of SuDS to be installed. SuDS have been suggested purposely in areas which intercept flow paths and, consequently, may reduce the likelihood of property flooding.

Option 4 - Shortlisted
 An increase to kerb height along Cole Green Lane would increase capacity within the highway. This may limit property flooding whereby flooding has previously occurred within Beehive Green as the flow path would be interrupted. It is likely that this would only be effective during lower return periods.

Option 3 - Shortlisted
 Property flood resilience is proposed for those that have previously experienced flooding within Desborough Close. Many here have experienced internal flooding from the surface water flow path from Howlands. The modelled flood depths suggest that PFR may be permitted. PFR may be used alongside other measures.

Option 4 - Shortlisted
 An increase to kerb height along Thistle Grove would increase capacity within the highway. This may limit property flooding whereby flooding has previously occurred. It is likely that this would only be effective during lower return periods.

Legend

Flood Depth (m) (1 in 100-year)
 High : 1.25
 Low : 0.045

Options

Type

- Orange circle: HCC Flood Incident Record
- Orange line: Raised Kerb
- Blue line: Swale
- Green area: Storage

Watercourse

- Thick blue line: Main River
- Thin blue line: Ordinary Watercourse

0 130 260 390 520 m

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Project: **WELWYN HATFIELD SWMP
 WHBC3: HYDE VALLEY**

Title: **LONG LIST
 OPTION MAPPING**

Client: **HERTFORDSHIRE
 COUNTY COUNCIL**

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