

Option 1

Increased storage and conveyance within the highway though increased kerb height. This would be suitable along New Road which is associated with the dominant flow path within the hotspot.

Option 1

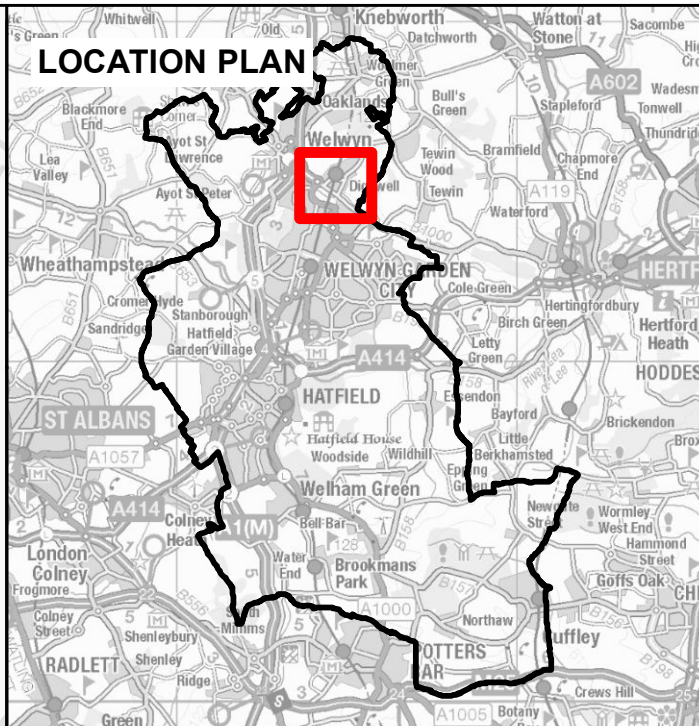
Increased storage and conveyance within the highway though increased kerb height. This would be suitable around Sewells whereby there have been several reported incidents. However, property access would require consideration.

Option 2 - Shortlisted

Retrofitting of SuDS is suggested in the north of the hotspot. The existing grass spaces along New Road could be adopted for the construction of swales or rain gardens. These would intercept the flow path, limiting the volumes of the flow path reaching the highway.

Option 3 - Shortlisted

Property flood resilience is proposed for those which have a history of flooding. Across the hotspot, depths of flooding (shown in the modelling) are within the suitable range for PFR. PFR has been suggested for the properties along Sewells and those within close proximity of the Mimran River.

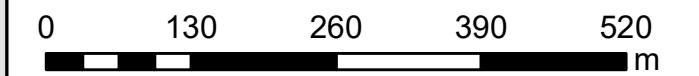


Legend

- Flood Depth (m) (1 in 100-year)**
 - High : 1.765
 - Low : 0.044
- HCC Flood Incident Record
- Raised Kerbs
- SuDS Opportunity

Watercourse

- Main River
- Ordinary Watercourse



Pipe House
Lupton Road
Wallingford
OX10 9BS
United Kingdom
T +44(0)1491 836688
E info@jbaconsulting.com
www.jbaconsulting.com

Project: **WELWYN HATFIELD SWMP
WHBC6: DIGSWELL WATER**

Title: **LONG LIST
OPTION MAPPING**

Client: **HERTFORDSHIRE
COUNTY COUNCIL**

Contains Ordnance Survey data © Crown copyright and database right 2021.
Contains public sector information licensed under the Open Government Licence v3.0.