

SUDS TOOL FOR SMALL DEVELOPMENT PROJECT OVERVIEW

The Royal borough of Kensington and Chelsea has suffered from flooding for some time and has developed a strategy aimed at increasing the number of sustainable urban drainage systems –SUDS – in response to this historic problem.

Over the past 20 years the Victorian Counters Creek sewer system, which runs along the western boundary of the Royal Borough, has been unable to cope during periods of heavy rainfall, partly because new developments have reduced the amount of surface area available to soak up excess water.

The Royal Borough of Kensington and Chelsea along with Royal HaskoningDHV have developed an online tool – the first of its kind in the country – to increase the implementation of SuDS in small developments (up to a maximum of 10 dwellings or 1,000m² of non-residential property). The tool assists developers by helping them to calculate the impact of new developments and extensions on the surface water run-off. The tool enables developers to interactively develop appropriate solutions for the site from a range of different SuDS to mitigate the impact of the development. Through a traffic light approach, the tool confirms the adequacy of the proposed SuDS to mitigate the impact of the development and provides further guidance on the proposed SuDS measures. The developer needs to submit the tool report along with their planning application and show in the accompanying plans where the SuDS will be located.



http://www.rbkc.gov.uk/planningandconservation/planningpolicy/sudstoolsmalldevelopment.aspx