

# Preliminary Flood Risk Assessment 2012

## Executive Summary

This PFRA report has been prepared on behalf of Slough Borough Council as part of the PFRA process, which allows the Council to fulfil their Lead Local Flood Authority role under the Flood Risk Regulations (2009). This PFRA report focuses on the first two stages of the Regulations and determines the requirement of undertaking the last two stages for Slough.

The methodology used in this PFRA is based on the Environment Agency's PFRA Guidance and its Annexes published in December 2010 and updated in March 2011 and Defra's Guidance on selecting Flood Risk Areas published in December 2010. The report focuses on local sources of flooding which include surface water (runoff and sewers), ordinary watercourses, groundwater and non-main river canal.

A partnership was formed with the Environment Agency and Thames Water as part of this PFRA. Data was collected from the established partners and other stakeholders and assessed for its quality. The historical flooding records were assessed based on distribution and a major portion of the flooding incidences were found to be concentrated around the Chalvey Ditches catchment.

The first generation of maps, Areas Susceptible to Surface Water Flooding, produced by the Environment Agency were considered to be the ones more applicable to Slough and assessment of future surface water flood risk was based on those maps. The Environment Agency identified ten Flood Risk Areas in England. Although Slough was ranked 20 among the areas that had clusters above the flood risk threshold, with a total of 8,758 residential properties at risk of surface water flooding, it was not identified as a Flood Risk Area.

Since Slough was not identified as a Flood Risk Area, Slough Borough Council does not need to go through the third and fourth stages of the Regulations in this cycle. However, Slough Borough Council needs to consistently record any flooding events to inform the second round of the PFRA cycle.