



THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF
ISSUE AND IS SUBJECT TO AMENDMENT

- LEGEND**
- Main Rivers
 - Ordinary Watercourses
 - Hertsmere Borough Boundary
 - 1 in 100 yr + 20% CC Defended Modelled Extent
 - Surface Water Flooding Low Risk (0.1% AEP)

Notes
Main Rivers are designated by Defra on a 'Main River Map'. The Environment Agency has permissive powers to carry out flood defence works, maintenance and operational activities for Main Rivers only. However overall responsibility for maintenance lies with the riparian owner.

An Ordinary Watercourse is a watercourse that does not form part of a Main River. This may include rivers and streams, ditches, drains, cuts, culverts, dikes, sluices, (other than public sewers within the meaning of the Water Industry Act 1991) and passages, through which water flows according to the Land Drainage Act 1991.

The climate change allowance included in the existing hydraulic modelling is no longer up to date. However, as advised by the Environment Agency, the 1 in 100 year + 20% CC is the closest available dataset for assessing the impact of climate change for the Upper Colne. This is discussed in Section 3.4 of the Level 1 SFRA Report.

The Risk of Flooding from Surface Water dataset does not include a scenario for climate change. The 0.1% AEP flood extent (1 in 1000 year) is used as a proxy for the 1% AEP flood event (1 in 100 year) including climate change, as discussed in Section 3.5 of the Level 1 SFRA Report.

This map is intended to provide a strategic overview of fluvial and surface water flood risk and should not be used to assess flood risk for individual properties.

The Upper Colne modelling was undertaken by Halcrow in 2010.

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For Issue - Updated to include 100year +20% CC extents for the Upper Colne.	BG SL	14/09/23	2
Updated to include SW mapping	BG SL	26/06/23	1
First Draft	BG SL	23/06/22	0
Revision Details	By Check	Date	Suffix

Purpose of Issue
FOR ISSUE

Client


Project Title
**HERTSMERE BOROUGH COUNCIL
STRATEGIC FLOOD
RISK ASSESSMENT**

Drawing Title
**FLUVIAL AND SURFACE WATER
CLIMATE CHANGE FLOOD OUTLINES**

Drawn BG	Checked SL	Approved GP	Date 14/09/2023
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AECOM Limited
Sunley House
4 Bedford Park, Surrey
Croydon CR0 2AP
United Kingdom
T: +44 20 8639 3500
aecom.com

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