

LEGEND	
	Rushmoor Borough Council Administrative Boundary
Elevation (mAOD)	
	0 mAOD
	10 mAOD
	20 mAOD
	30 mAOD
	40 mAOD
	50 mAOD

Light Detection and Ranging (LIDAR) is an airborne mapping technique, which uses a laser to measure the distance between the aircraft and the ground.

This dataset has a spatial resolution of 1m. The Environment Agency's LIDAR data archive contains digital elevation data derived from surveys carried out since 1998. The Environment Agency typically fly LIDAR along the river corridors and this accounts for the missing coverage over parts of the study area.

Purpose of Issue			
FINAL			
Revision Details			
By	Chk	Date	Suffix

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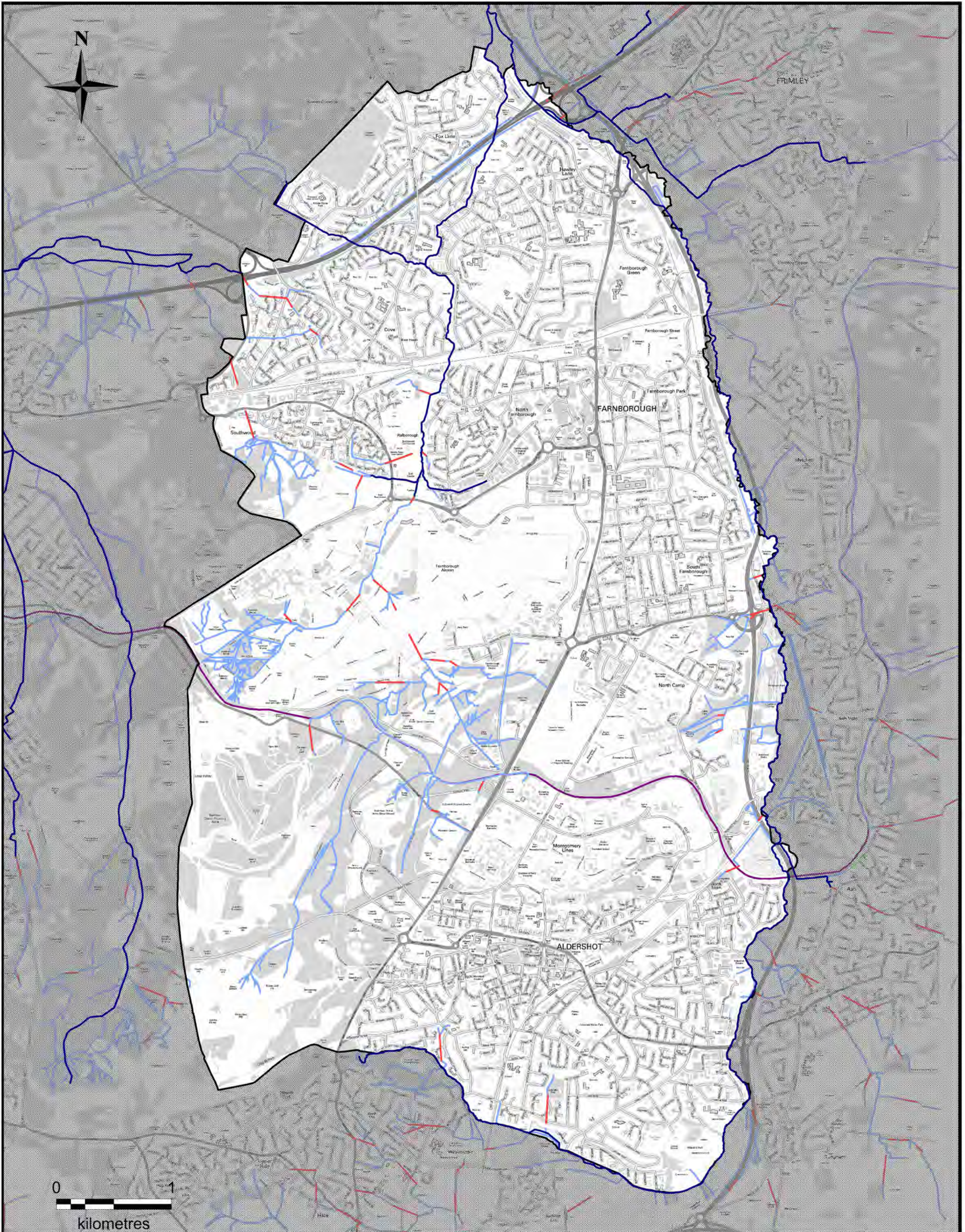
Approved: JR Date: April 2015

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Project Title
RUSHMOOR BOROUGH COUNCIL LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT
Drawing Title
Rushmoor Borough Topography

Client	
AECOM	
<small>AECOM 6-8 Greencoat Place London SW1P 1PL Tel: +44 (0)207 7985000</small>	
Drawing Number	Rev
FIGURE B1	01

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LEGEND	
	Rushmoor Borough Council Administrative Boundary
	Main River
	Canal
	Open Watercourse
	Culverted Watercourse

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 includes all rivers and streams and all 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.

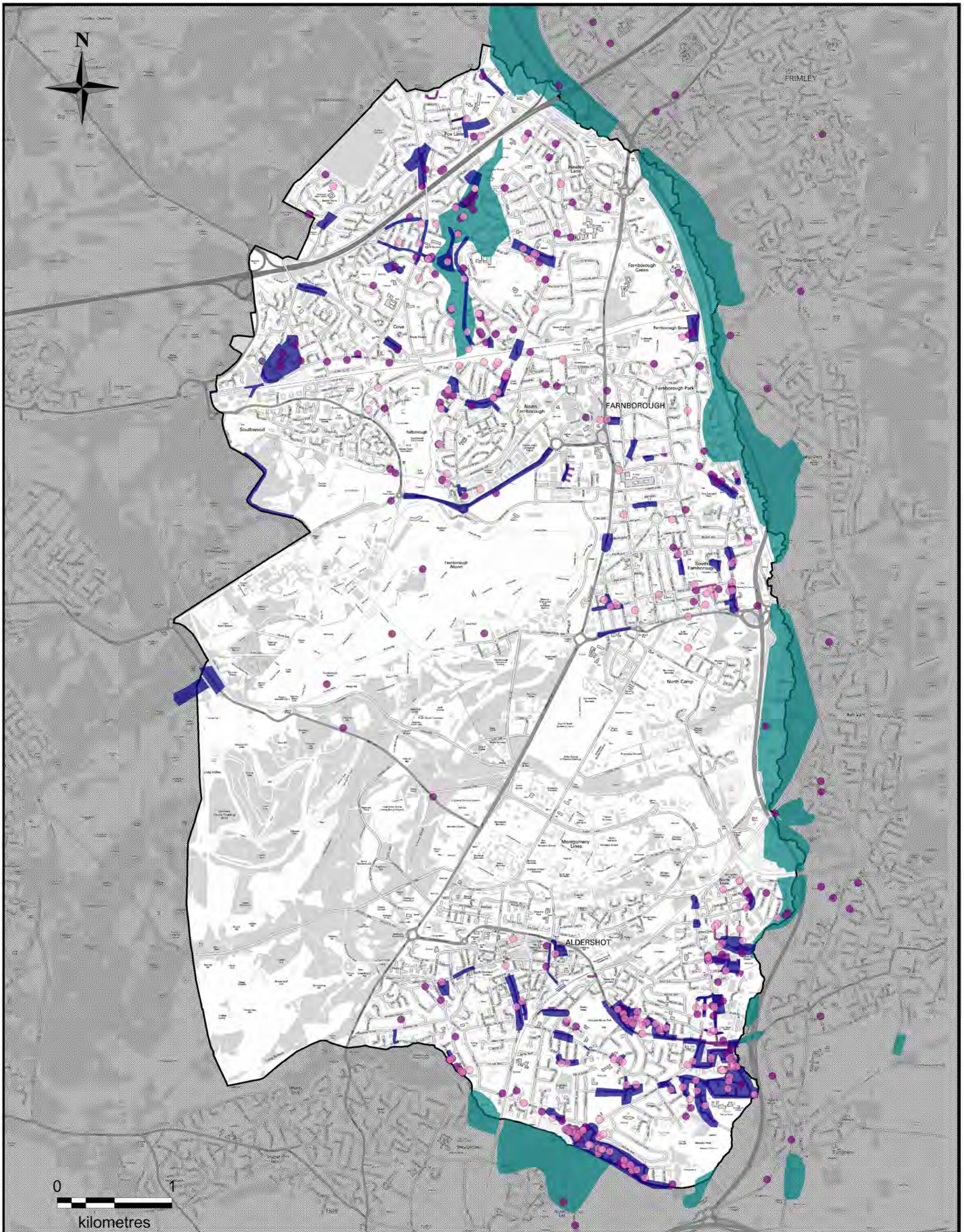
Drainage Boards have powers under the Land Drainage Act 1991 (as amended by the 1994 Act) to undertake works on any watercourse within their district other than Main River. A Board's District is defined on a sealed map prepared by the Environment Agency and approved by the relevant Ministry. In addition Boards can undertake works on watercourses outside their drainage district in order to benefit the district. Within the Drainage Districts, Boards have designated arterial watercourses to which they will normally apply their statutory powers.

Purpose of Issue	
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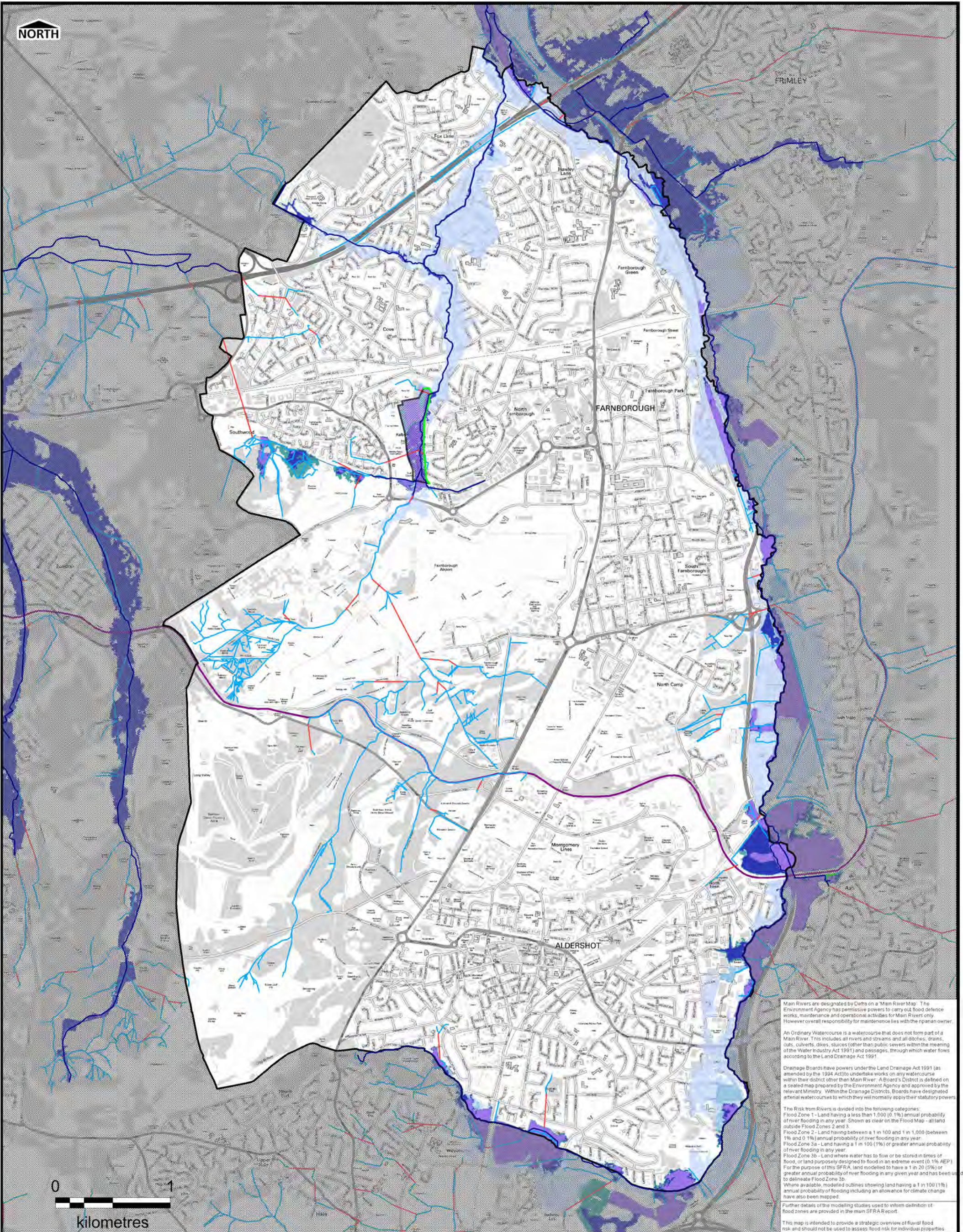
Project Title	RUSHMOOR BOROUGH COUNCIL LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT
Drawing Title	Surface Waterbodies

Client		
	<p>AECOM 8-8 Greensand Place London SW1P 1PL Tel: +44 (0)207 7955000</p>	
Drawing Number	FIGURE B2	Rev
		01



LEGEND Rushmoor Borough Council Administrative Boundary Hampshire County Council Historic Flood Incident Hampshire County Council Historic Flood Incident Environment Agency Historic Flood Map Environment Agency Historic Flood Incident Environment Agency Historic Flood Incident Rushmoor Borough Council Historic Flood Incident		Purpose of Issue <p style="text-align: center;">FINAL</p>	<p>THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.</p>	Project Title <p style="text-align: center;">RUSHMOOR BOROUGH COUNCIL LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT</p>	Client 									
<table border="1"> <thead> <tr> <th>Revision Details</th> <th>By</th> <th>Date</th> <th>Suffix</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT</p>		Revision Details	By	Date	Suffix					<p>Scale at A3: 1:30,000</p> <p>Drawn: PP Checked: GH</p> <p>Approved: JR Date: April 2015</p>	Drawing Title <p style="text-align: center;">Rushmoor Historic Flood Events</p>	<p>AECOM 5-8 Greenleaf Place London SW1P 1PL Tel: +44 (0)207 7985000</p>	Drawing Number <p style="text-align: center;">FIGURE B3</p>	Rev <p style="text-align: center;">01</p>
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NORTH



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 includes all rivers and streams and all 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.

Drainage Boards have powers under the Land Drainage Act 1991 (as amended by the 1994 Act) to undertake works on any watercourse within their district other than Main River. A Board's District is defined on a created map prepared by the Environment Agency and approved by the relevant Ministry. Within the Drainage Districts, Boards have designated arterial watercourses to which they will normally apply their statutory powers.

The Risk from Rivers is divided into the following categories:
 Flood Zone 1 - Land having a less than 1,000 (0.1%) annual probability of river flooding in any year. Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.
 Flood Zone 2 - Land having between a 1 in 100 and 1 in 1,000 (between 1% and 0.1%) annual probability of river flooding in any year.
 Flood Zone 3a - Land having a 1 in 100 (1%) or greater annual probability of river flooding in any year.
 Flood Zone 3b - Land where water has to flow or be stored in times of flood, or land purposefully designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a 1 in 20 (5%) or greater annual probability of river flooding in any given year and has been used to delineate Flood Zone 3b.
 Where available, modelled outlines showing land having a 1 in 100 (1%) annual probability of flooding including an allowance for climate change have also been mapped.

Further details of the modelling studies used to inform definition of flood zones are provided in the main SFRA report.

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

LEGEND

	Rushmoor Borough Council Administrative Boundary
	Main Rivers
	Open Watercourses
	Culverted Watercourses
	Canal
	Flood Defences
	Flood Storage Areas

Flooding from Rivers

	Flood Zone 1 (<1 in 1000 chance in any year)
	Flood Zone 2 (1 in 1000 chance in any year)
	Flood Zone 3 (1 in 100 chance in any year)
	Flood Zone 3b Functional Floodplain
	1 in 100 Chance including Allowance for Future Climate Change

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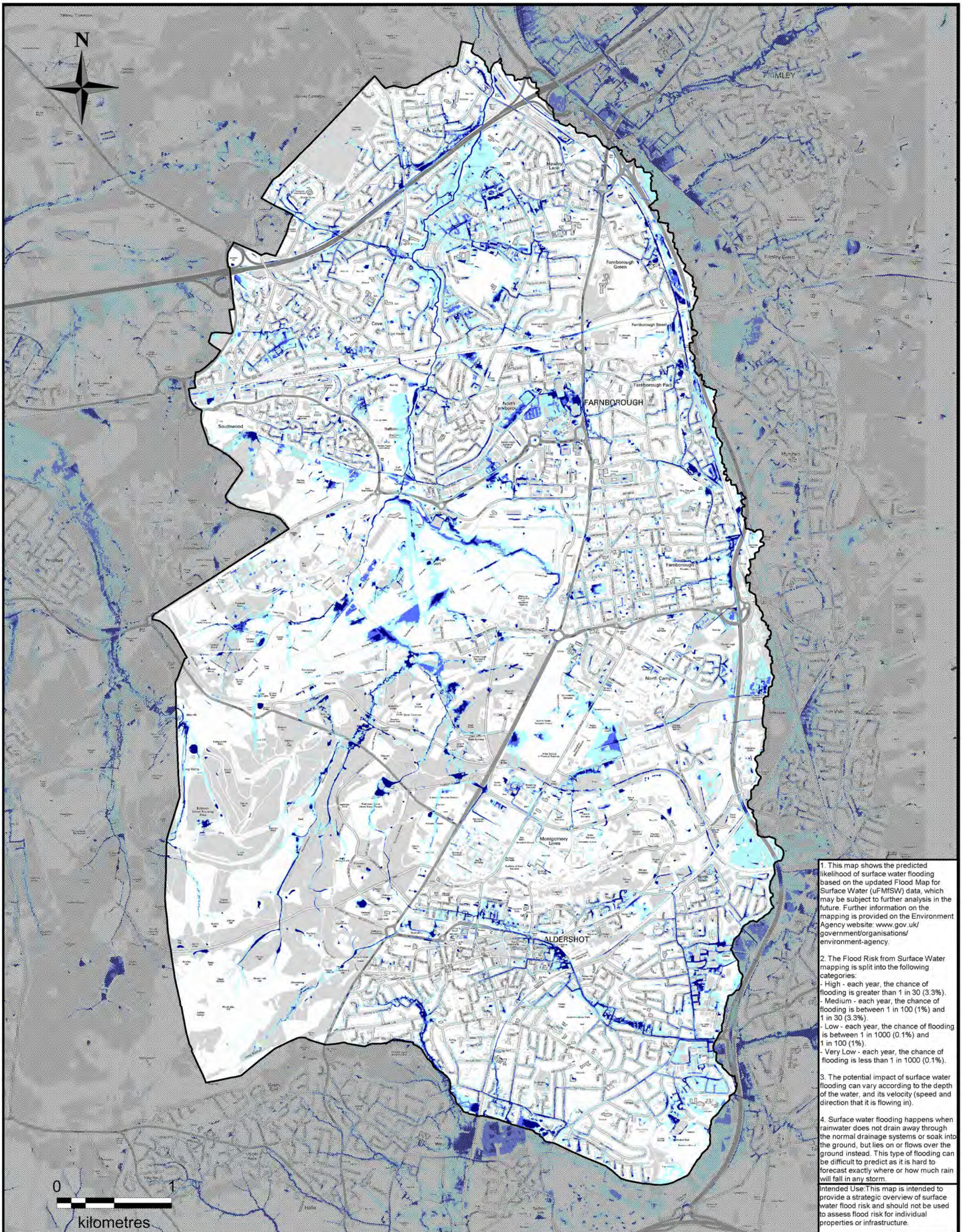
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Approved: AW Date: April 2015

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Project Title	RUSHMOOR BOROUGH COUNCIL LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT
Drawing Title	Environment Agency Flood Zones

Client	RUSHMOOR BOROUGH COUNCIL
AECOM	8-8 Greenway Place London SW1P 1PL Tel: +44 (0)207 7985000
Drawing Number	FIGURE B4
Rev	03



1. This map shows the predicted likelihood of surface water flooding based on the updated Flood Map for Surface Water (uFMfSW) data, which may be subject to further analysis in the future. Further information on the mapping is provided on the Environment Agency website: www.gov.uk/government/organisations/environment-agency.

2. The Flood Risk from Surface Water mapping is split into the following categories:

- High - each year, the chance of flooding is greater than 1 in 30 (3.3%).
- Medium - each year, the chance of flooding is between 1 in 100 (1%) and 1 in 30 (3.3%).
- Low - each year, the chance of flooding is between 1 in 1000 (0.1%) and 1 in 100 (1%).
- Very Low - each year, the chance of flooding is less than 1 in 1000 (0.1%).

3. The potential impact of surface water flooding can vary according to the depth of the water, and its velocity (speed and direction that it is flowing in).

4. Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soak into the ground, but lies on or flows over the ground instead. This type of flooding can be difficult to predict as it is hard to forecast exactly where or how much rain will fall in any storm.

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

LEGEND

Rushmoor Borough Council Administrative Boundary

Surface Water Flood Risk

High 3.3% AEP

Medium 1% AEP

Low 0.1% AEP

Very Low <0.1% AEP

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Project Title

RUSHMOOR BOROUGH COUNCIL LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT

Drawing Title

Environment Agency Updated Flood Map for Surface Water

Client

AECOM
8-8 Greenock Place
London
SW1P 1PL
Tel: +44 (0)207 7985000

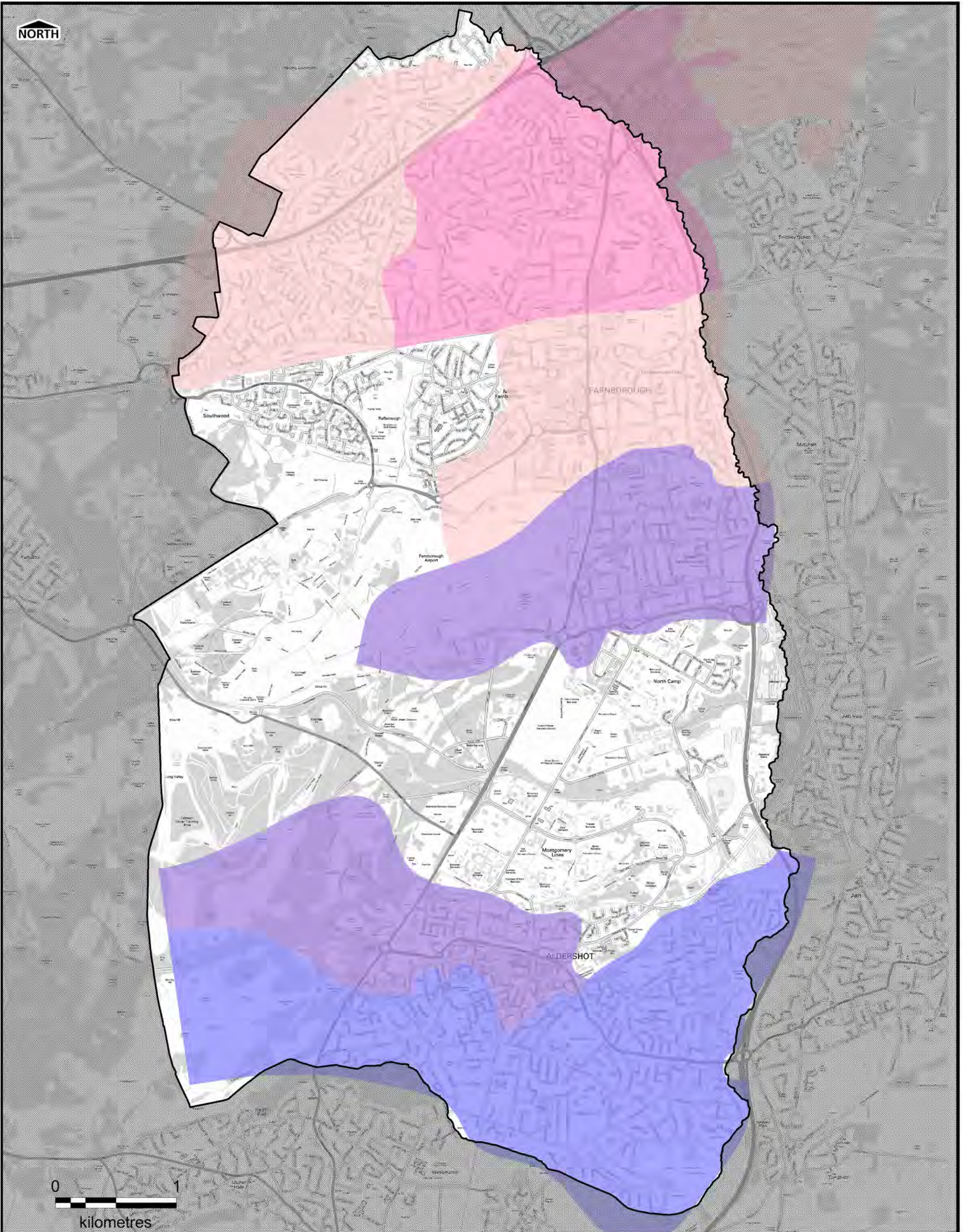
Drawing Number

FIGURE B5

Rev

01

NORTH



LEGEND Rushmoor Borough Council Administrative Boundary Number of Properties Flooded Internally (TWUL DG5 Records) 1-2 2-3 3-9 9-20 20-32	Purpose of Issue <p style="text-align: center;">FINAL</p>		<small>THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.</small>		Project Title <p style="text-align: center;">RUSHMOOR BOROUGH COUNCIL LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT</p>		Client 									
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