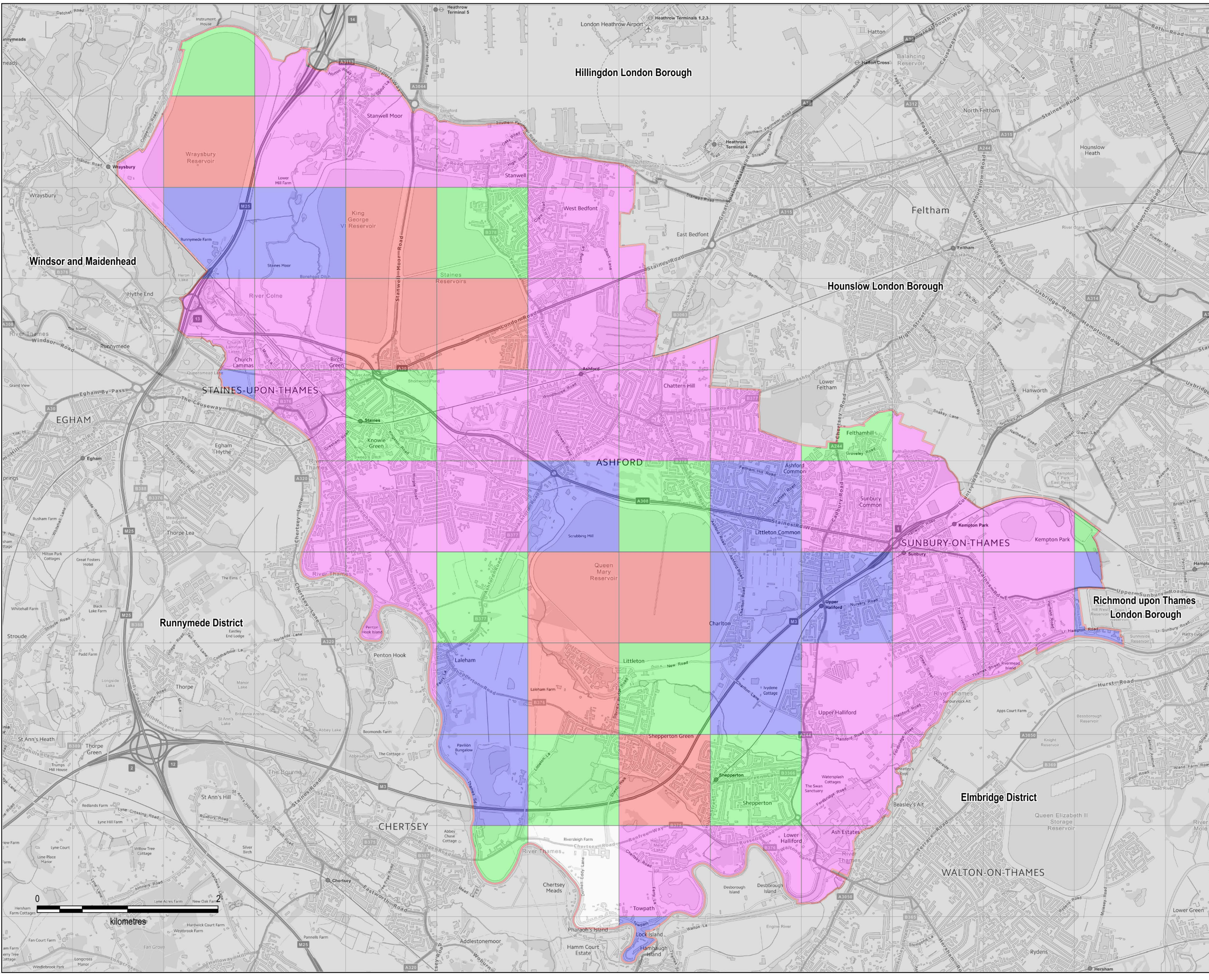




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LEGEND

Borough Boundary

Surrounding authority areas

Area Susceptible to Groundwater Flooding

< 25%

>= 25% < 50%

>= 50% < 75%

>= 75%

Notes

1. Areas Susceptible to Groundwater Flooding (ASIGWF) is a strategic scale map showing groundwater flood areas on a 1km square grid. It shows the proportion of each 1km grid square where geological and hydrogeological conditions show that groundwater might emerge. The susceptible areas are represented by one of four area categories showing the proportion of each 1km square that is susceptible to groundwater emergence. It does not show the likelihood of groundwater flooding occurring.

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Revision Details		Suffix

Purpose of issue

DRAFT

Client


SPELTHORNE BOROUGH COUNCIL

Project Title

Spelthorne Borough Council Strategic Flood Risk assessment (Level 1)

Drawing Title

AREAS SUSCEPTIBLE TO GROUNDWATER FLOODING

Drawn	Checked	Approved	Date
CB	SL	EC	Jan 2018

AECOM Internal Project No. 60559796

Scale at A3 1:36,900

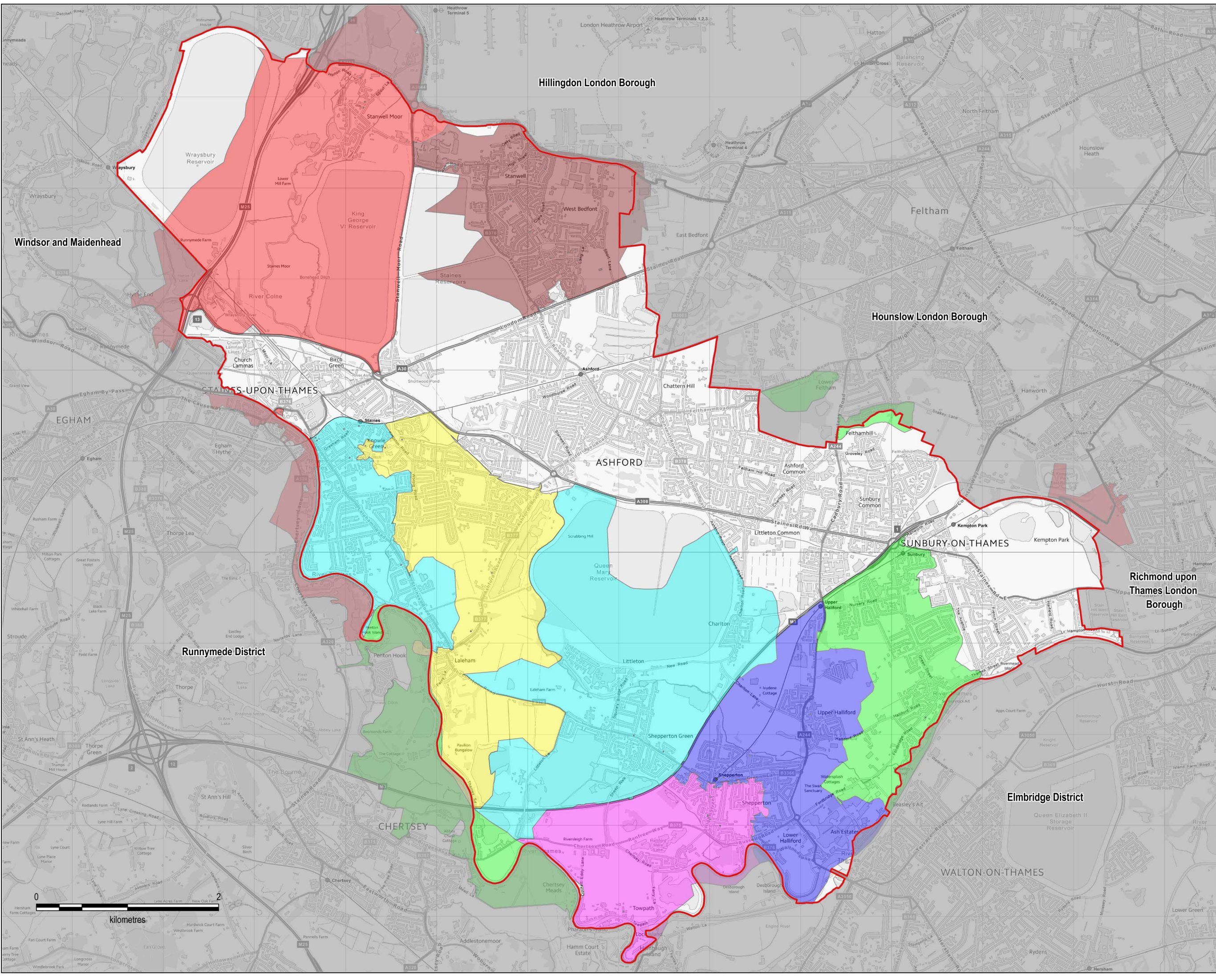
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LEGEND

Spelthorne Boundary

Surrounding authority areas

Postcode areas by Total

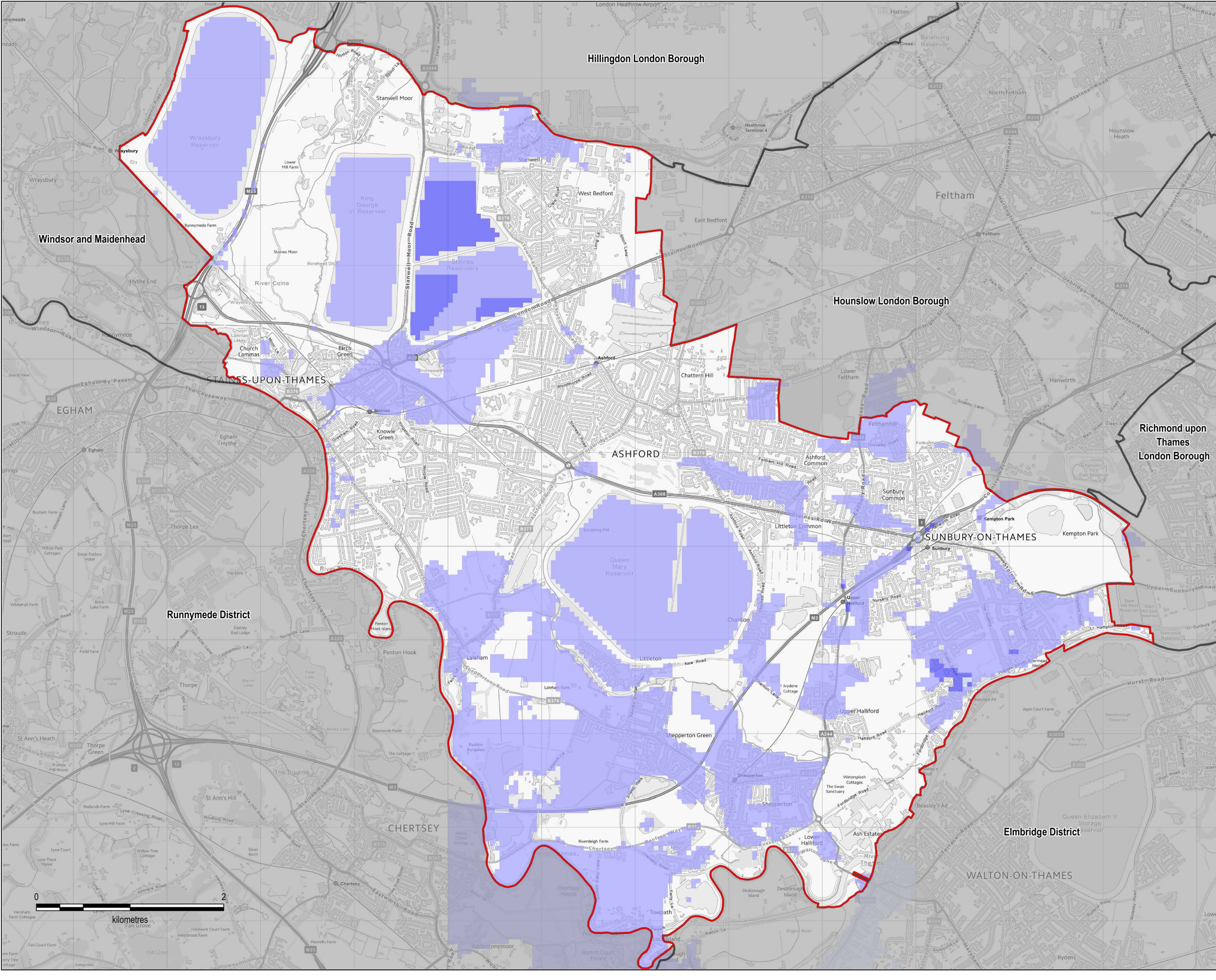
	0
	1
	3
	6
	8
	11
	17

Notes

TWUL has provided an extract from their DG5 Flood Register for the study area. Due to data protection requirements the data has not been provided at individual property level; rather the register comprises the number of properties within 4 digit postcode areas that have experienced flooding either internally or externally within the last 10 years. It should be noted that records only appear on the DG5 register where they have been reported to TWUL, and as such they may not include all instances of sewer flooding.

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

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Revision Details		
Purpose of Issue		
DRAFT		
Client		
		
Project Title		
Spelthorne Borough Council Strategic Flood Risk assessment (Level 1)		
Drawing Title		
Sewer Flooding		
Drawn	Checked	Approved
CB	SL	EC
Date		Jan 2018
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60559796		1:36,900
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Spelthorne Boundary

Suitability for infiltration SuDS

Highly compatible for infiltration SuDS

Opportunities for bespoke infiltration SuDS

Probably compatible for infiltration SuDS

Very significant constraints are indicated

Notes

The dataset gives a preliminary indication of the suitability of the ground for infiltration SuDS. These are drainage systems that allow surface water to infiltrate to the ground, such as soakaways, infiltration basins, infiltration trenches and permeable pavements. The summary layer indicates the likely design constraints associated with installing an infiltration system at a given location:

1. Highly compatible for infiltration SuDS- The subsurface is likely to be suitable for free-draining infiltration SuDS.
2. Probably compatible for infiltration SuDS- The subsurface is probably suitable for infiltration SuDS although the design may be influenced by the ground conditions.
3. The potential for ground instability when water is infiltrated- The subsurface is potentially suitable for infiltration SuDS although the design will be influenced by the ground conditions.
4. Very significant constraints are indicated- There is a very significant potential for one or more geohazards associated with infiltration.

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Revision Details		Suffix
Purpose of Issue	DRAFT	
Client		
Project Title	Spelthorne Borough Council Strategic Flood Risk assessment (Level 1)	
Drawing Title	Suitability for Infiltration SuDS	
Drawn	Checked	Approved
HB	SL	EC
Date		Jan 2018
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