



London Borough of Wandsworth

London Borough of Lambeth

London Borough of Croydon

London Borough of Sutton

Royal Borough of Kingston upon Thames

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT

LEGEND

- Borough Boundary
- Groundwater Flooding Record (Council)
- BGS Susceptibility to Groundwater Flooding**
 - Limited potential for groundwater flooding to occur
 - Potential for groundwater flooding of property situated below ground level
 - Potential for groundwater flooding to occur at surface

Notes
Groundwater flooding (defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded) is increasingly being recognised as a hazard. However, until the wet winter of 2000/2001 it had received little attention from the research community in the UK. Local knowledge of historic groundwater flooding events had generally been the only guide to an area's susceptibility to flooding. Unfortunately, local knowledge is patchy and can be unreliable and often groundwater flooding is not recognised as a distinct event, being masked by surface water floods. In response to the need for more information on groundwater flooding, BGS has produced the first national dataset on the susceptibility of groundwater flooding, covering England, Wales and Scotland.

The susceptibility data is suitable for use for regional or national planning purposes where the groundwater flooding information will be used along with a range of other relevant information to inform land-use planning decisions. It might also be used in conjunction with a large number of other factors, e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information, to establish relative, but not absolute, risk of groundwater flooding at a resolution of greater than a few hundred metres. The confidence dataset will help in this assessment. The susceptibility data should not be used on its own to make planning decisions at any scale, and, in particular, should not be used to inform planning decisions at the site scale. The susceptibility data cannot be used on its own to indicate risk of groundwater flooding.

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

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Revision Details			
By	Check	Date	Suffix
Purpose of Issue			
FINAL			
Client			
Project Title			
LONDON BOROUGH OF MERTON			
LEVEL 1 STRATEGIC FLOOD RISK ASSESSMENT			
Drawing Title			
BGS SUSCEPTIBILITY TO GROUNDWATER FLOODING MERTON			
Drawn	Checked	Approved	Date
CB	SL	EC	13/05/20
AECOM Internal Project No. 60620167		Scale at A3 1:30000	

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Drawn Number

FIGURE 1

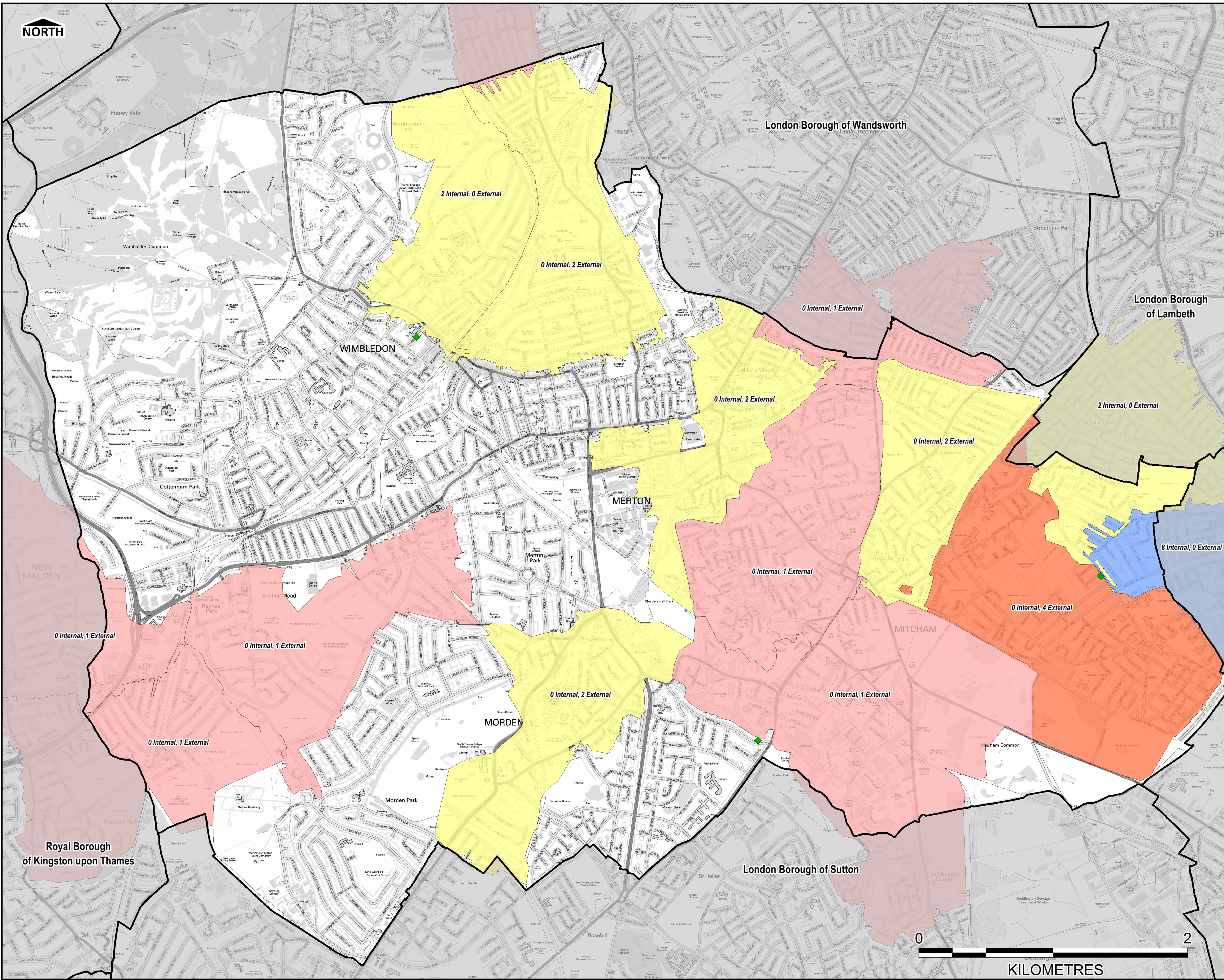
Rev

2



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LEGEND

— Borough Boundary

Thames Water Sewer Flooding Records

- 1
- 2
- 4
- 8

◆ Council Sewer Flooding Records

Notes

Thames Water Utilities Ltd has provided an extract from their DG5 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 - 20 years. For the purpose of this study, records for the last 10 years have been used.

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.

Furthermore given that TWUL target these areas for maintenance and improvements, areas that have experienced flooding in the past may no longer be at greatest risk of flooding in the future.

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

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Revision Details	By	Check	Date	Suffix

Purpose of Issue: **FINAL**



Project Title: **LONDON BOROUGH OF MERTON
LEVEL 1 STRATEGIC FLOOD
RISK ASSESSMENT**

Drawing Title: **SEWER FLOODING RECORDS
MERTON**

Drawn	Checked	Approved	Date
CB	SL	EC	13/05/2020
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Drawing Number	Rev
FIGURE 2	2