



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.

Contains Ordnance Survey data © Crown copyright and database right 2020. Contains Environment Agency data © Environment Agency and database right 2020.

|   |         |                     |          |
|---|---------|---------------------|----------|
| Revision Details                                  |         |                     |          |
| By  | Check   | 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 |          |

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.

AECOM  
Midpoint  
Alencon Link  
Basingstoke  
RG21 7PP  
T +44 (0)1256 310 200  
www.aecom.com



Drawn
 Checked | Approved | Date || CB | SL | EC | 13/05/20 |
| AECOM Internal Project No. 60620167 | | Scale at A3 1:30000 | |

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.

AECOM  
Midpoint  
Alencon Link  
Basingstoke  
RG21 7PP  
T +44 (0)1256 310 200  
www.aecom.com

Drawn
 Checked | Approved | Date || CB | SL | EC | 13/05/20 |
| AECOM Internal Project No. 60620167 | | Scale at A3 1:30000 | |

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.

Drawn
 Checked | Approved | Date || CB | SL | EC | 13/05/20 |
| AECOM Internal Project No. 60620167 | | Scale at A3 1:30000 | |

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.

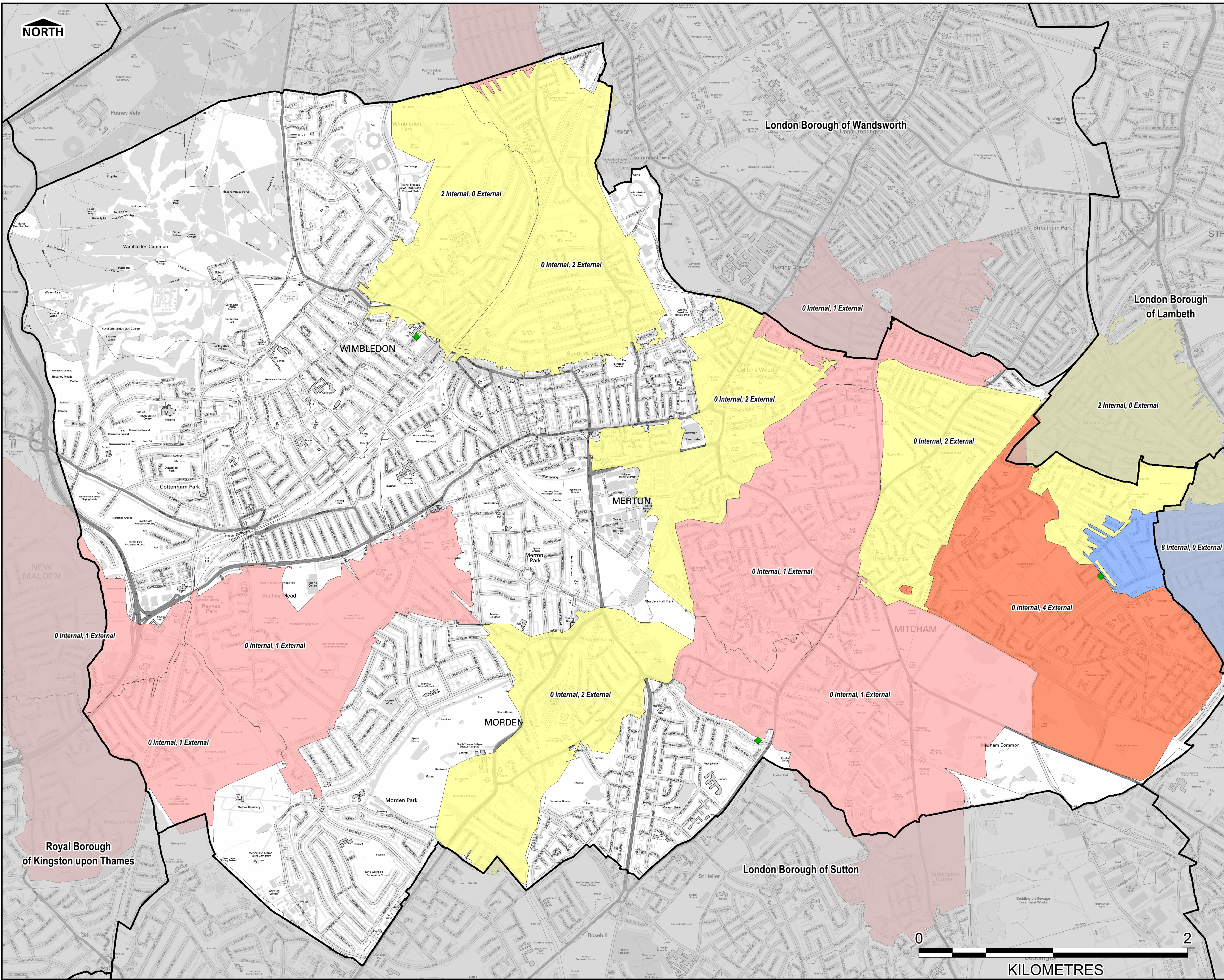


KILOMETRES

L:\Water\Projects & Jobs\4707\72816 SW London SFR\A0700 WIP\0701 GIS\W01

FIGURE 1

2



**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.

Contains Ordnance Survey data © Crown copyright and database right 2020. Contains Thames Water data.

|                  |    |       |      |        |
|------------------|----|-------|------|--------|
| 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 |

AECOM Internal Project No. 60620167 Scale at A3 1:26,000

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND IS 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.



Drawing Number: **FIGURE 2** Rev: **2**