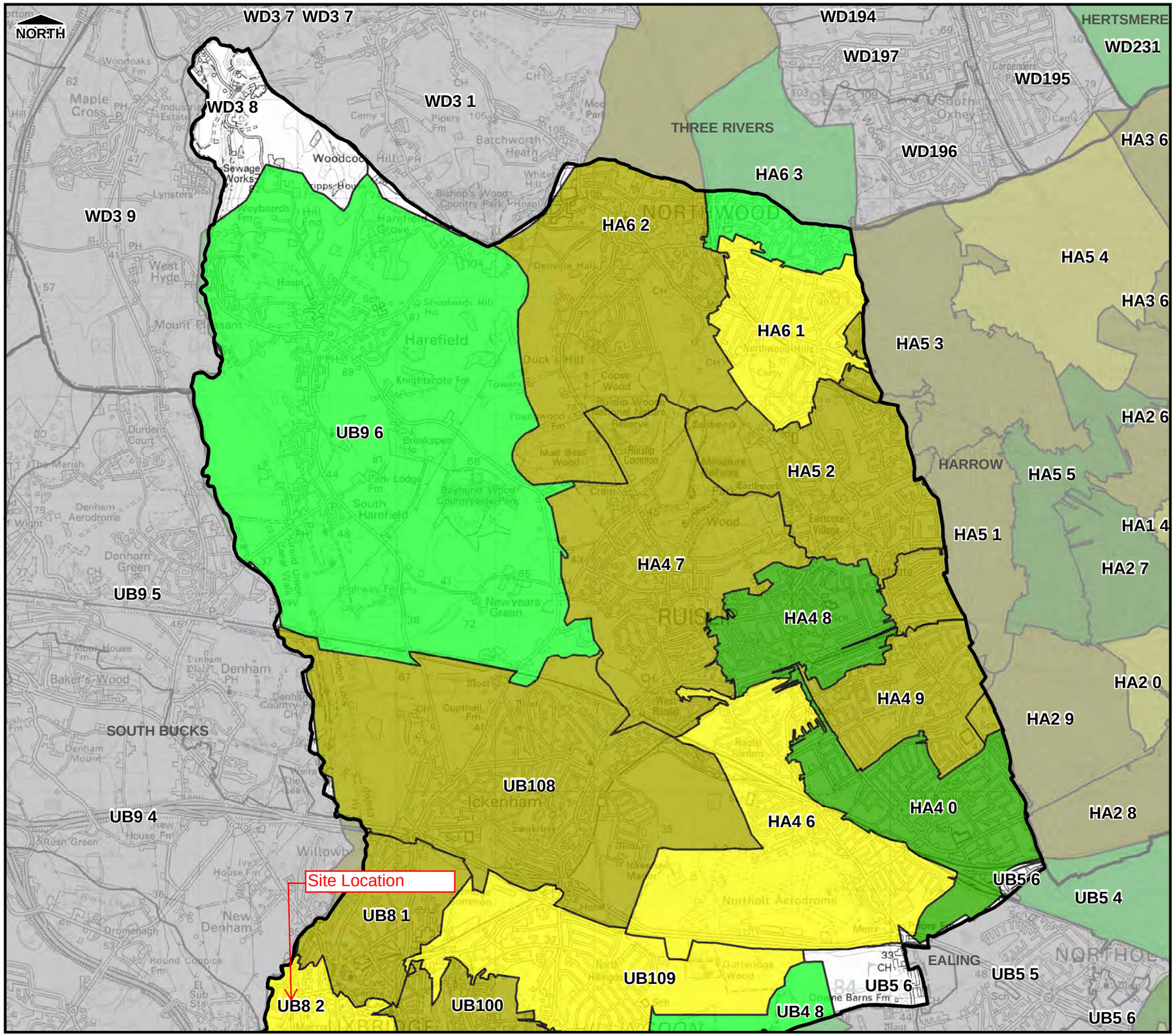
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED



Legend

- Borough Administrative Boundary
- Sewer Flooding Incidents
- Sewer Flood Outline

No. of Sewer Flood Records

- None
- 1 - 5
- 6 - 10
- 11 - 20
- 21 - 50
- 51 - 100
- 101+

Notes

London Borough of Hillingdon

Surface Water Management Plan

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1:40,000	06/04/2011	R.MOORE	P.HLINOVSKY

Recorded Incidents of Sewer Flooding

Consultants
CAPITA SYMONDS Flood Risk Management
Scott Wilson
Capita Symonds
Level Seven,
52 Grosvenor Gardens,
Belgravia,
London
SW1W 0AU

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FIGURE 9.1

Filepath: L:\Environment\zwet\CS046913_DrainLondon_Tier2\Group1\ARC\mxds\GP1_Hillingdon_Fig9.1_SewerIncidents.mxd

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THE PURPOSE INTENDED

NORTH

Site Location

0 0.25 0.5 1 1.5 2
Kilometres

Legend

- Borough Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse (Main River)
- Groundwater Flood Incident (EA Records)
- Groundwater Flood Incident (Other Records)

Increased Potential for Elevated Groundwater in

- Permeable Superficial Deposits
- Consolidated Aquifers

Notes

1. The increased Potential for Elevated Groundwater map shows those areas within the London Boroughs where there is an increased potential for groundwater to rise sufficiently to interact with the ground surface or be within 2 m of the ground surface. Such groundwater rise could lead to the following consequences:
   - flooding of basements of buildings below ground level;
   - flooding of buried services or other assets below ground level;
   - inundation of farmland, roads, commercial, residential and amenity areas;
   - flooding of ground floors of buildings above ground level; and
   - overflowing of sewers and drains.
2. Incident records shown are generally unconfirmed and may include issues such as water main bursts or non-groundwater related problems.
3. Areas not shown to have increased potential for elevated groundwater should be considered to have a low potential for elevated groundwater – Lack of information does not imply 'no potential' of elevated groundwater in that area.
4. Includes groundwater flood mapping provided by JBA Consulting

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Increased Potential for Elevated Groundwater Map

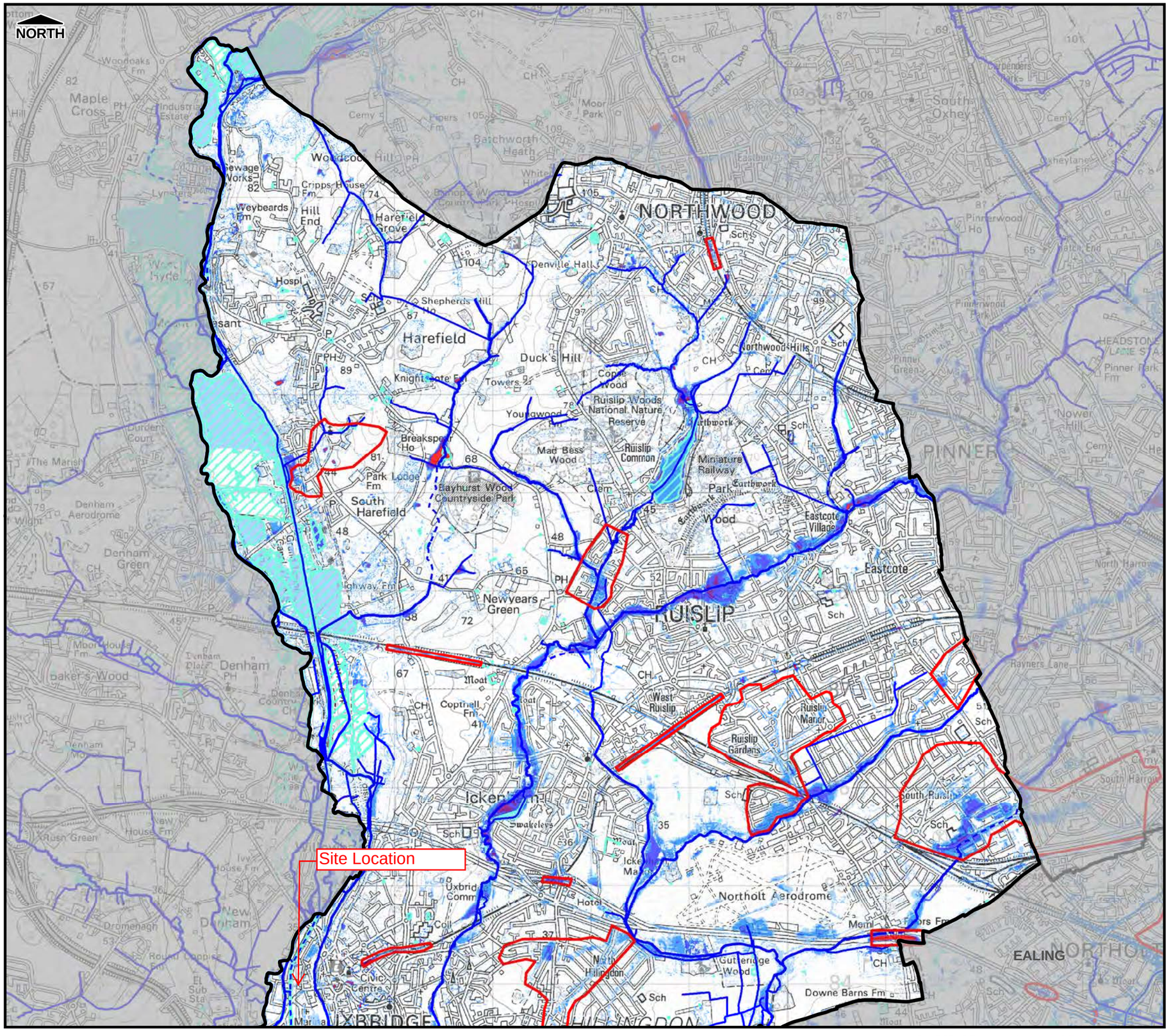
Consultants
CAPITA SYMONDS / Scott Wilson
Flood Risk Management
Capita Symonds
Level Seven,
52 Grosvenor Gardens,
Belgravia,
London
SW1W 0AU

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FIGURE 10.1

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THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Borough Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse (Main River)
- Permanent Water Bodies
- Critical Drainage Area

Flood Depth

< 0.1m	0.5m - 1.0m
0.1m - 0.25m	1.0m - 1.5m
0.25m - 0.5m	> 1.5m

Notes

1. This map only shows the predicted likelihood of surface water flooding (this includes flooding from sewers, drains, small watercourses and ditches that occurs in heavy rainfall) for defined areas, and due to the coarse nature of the source data used, are not detailed enough to account for precise addresses.
2. Users of this map should refer to section 3.2 of the Surface Water Management Plan for a complete description of limitations and accuracy of the flood/hazard extents shown.

London Borough of Hillingdon

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Surface Water Management Plan

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Surface Water Depth (m)
1 in 100 plus climate change Chance of rainfall event occurring in any given year (1% AEP + CC)

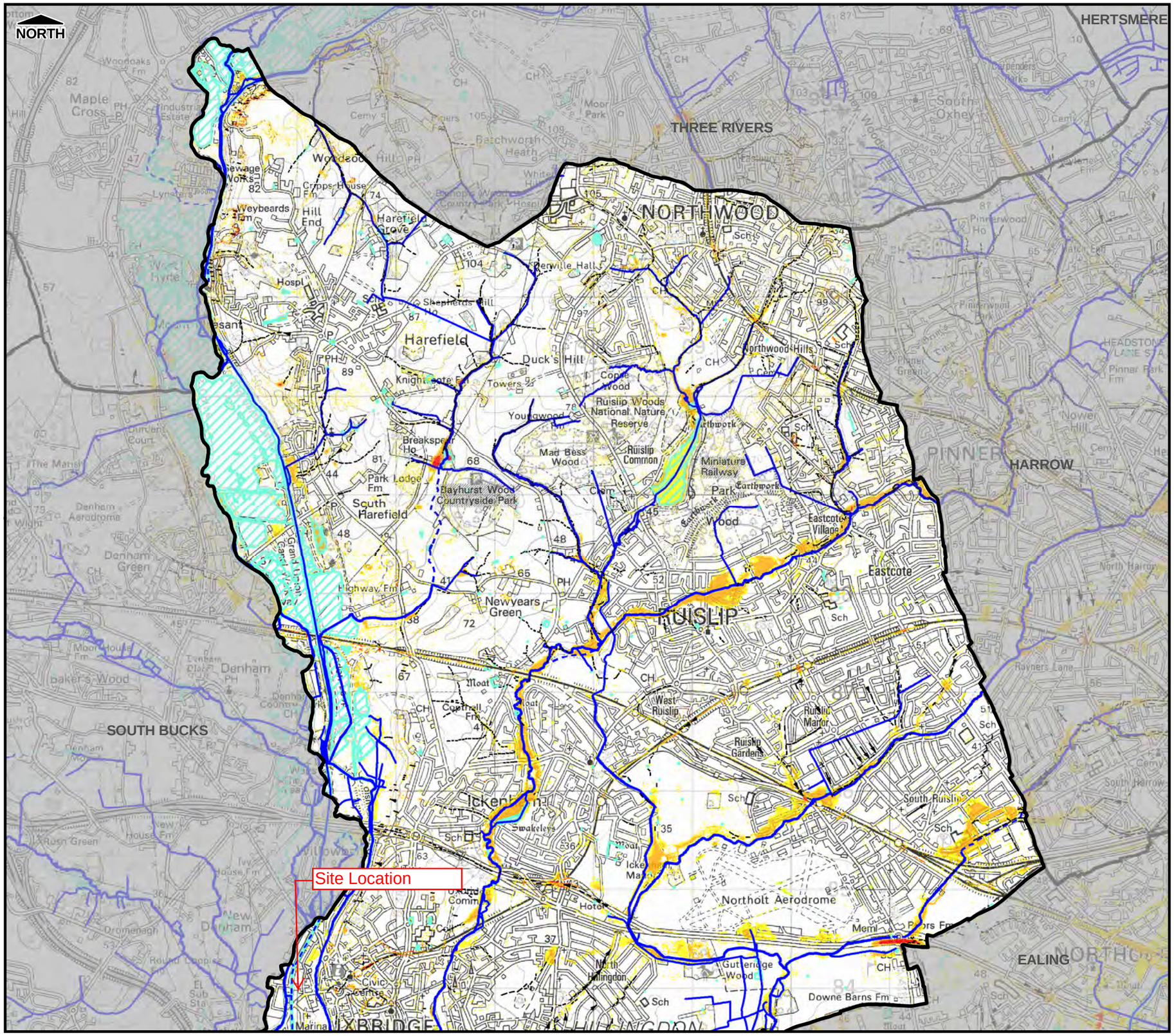
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FIGURE 19.1

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THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Borough Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse (Main River)
- Permanent Water Bodies
- Flow Direction

Critical Flood Hazard

- Caution (very low hazard)
- Significant (danger for most)
- Moderate (danger for some)
- Extreme (danger for all)

Notes

1. This map only shows the predicted likelihood of surface water flooding (this includes flooding from sewers, drains, small watercourses and ditches that occurs in heavy rainfall) for defined areas, and due to the coarse nature of the source data used, are not detailed enough to account for precise addresses.
2. Users of this map should refer to Section 3.2 of the Surface Water Management Plan for a complete description of limitations and accuracy of the flood / hazard extents shown.
3. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).
4. Degree of flood hazard can be interpreted as follows:
   - Caution: Flood zone with shallow flowing water or deep standing water
   - Moderate: Flood zone with deep or fast flowing water. Dangerous for children, the elderly and the infirm
   - Significant: Flood zone with deep fast flowing water. Dangerous for most people.
   - Extreme: Flood zone with deep fast flowing water. Dangerous for all (including emergency services)

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Scale at A3	Date	Drawn by	Approved by
1:40,000	12/04/2011	R.MOORE	P.HLINOVSKY

Surface Water Flood Hazard Rating
1 in 100 plus climate change Chance of rainfall event occurring in any given year (1% AEP + CC)

Consultants
CAPITA SYMONDS Flood Risk Management
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Level Seven,
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FIGURE 20.1

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