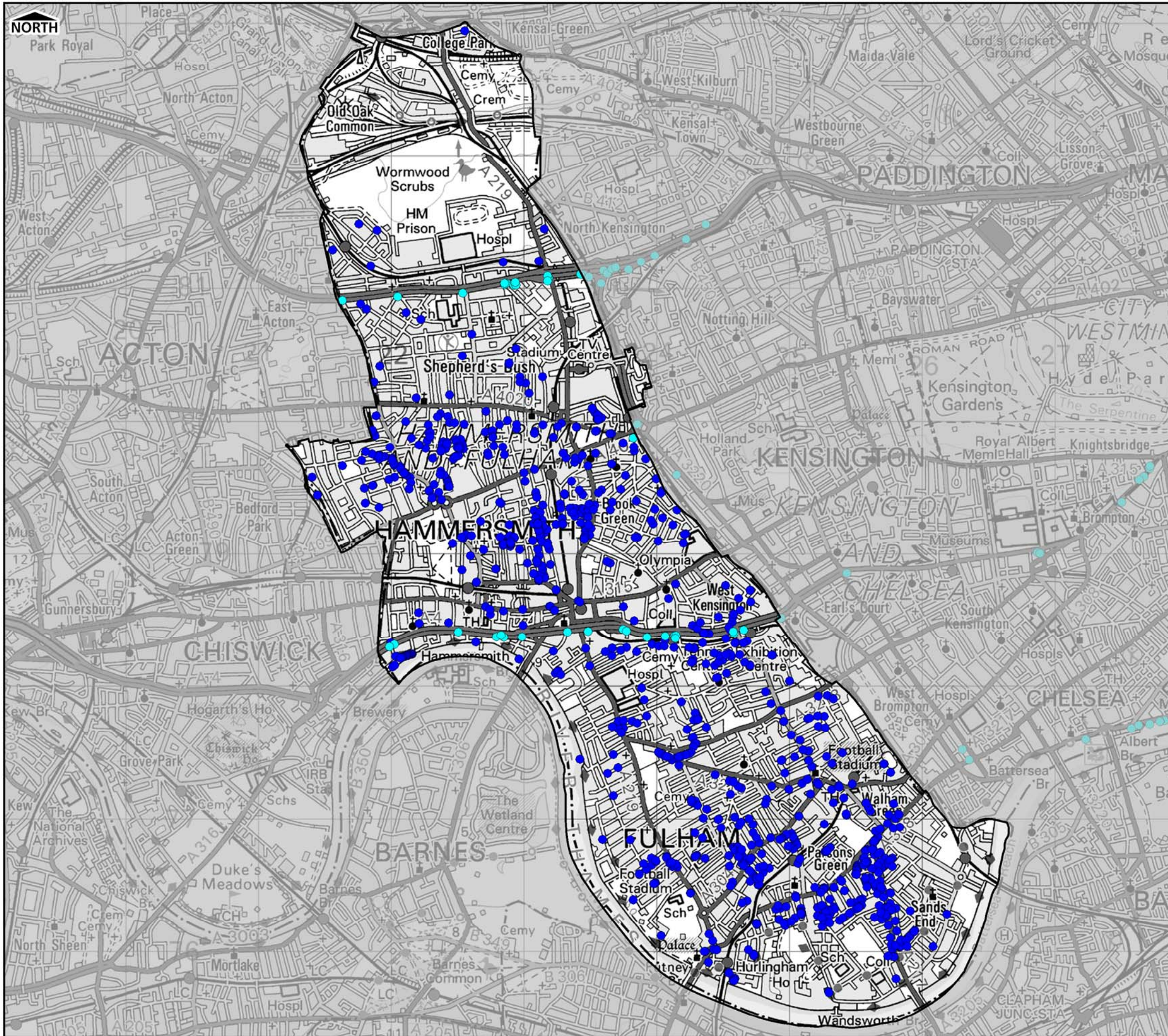


## APPENDIX A – FIGURES

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A-3	Thames Water Sewer Network
A-4	Infiltration SuDS Suitability Map (Figure D-6 from the Tier 2 SWMP report)
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A-7a	5% AEP Surface Water Flood Depth
A-7b	5% AEP Surface Water Flood Hazard
A-8a	3.3% AEP Surface Water Flood Depth
A-8b	3.3% AEP Surface Water Flood Hazard
A-9a	2% AEP Surface Water Flood Depth
A-9b	2% AEP Surface Water Flood Hazard
A-10a	1.3% AEP Surface Water Flood Depth
A-10b	1.3% AEP Surface Water Flood Hazard
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A-11b	1% AEP + Climate Change Surface Water Flood Hazard
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**Legend**

- LBHF Administrative Area
- LBHF Recorded Surface Water Flooding Incidents
- Transport for London Recorded Surface Water Flooding Incidents

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**London Borough of Hammersmith & Fulham**



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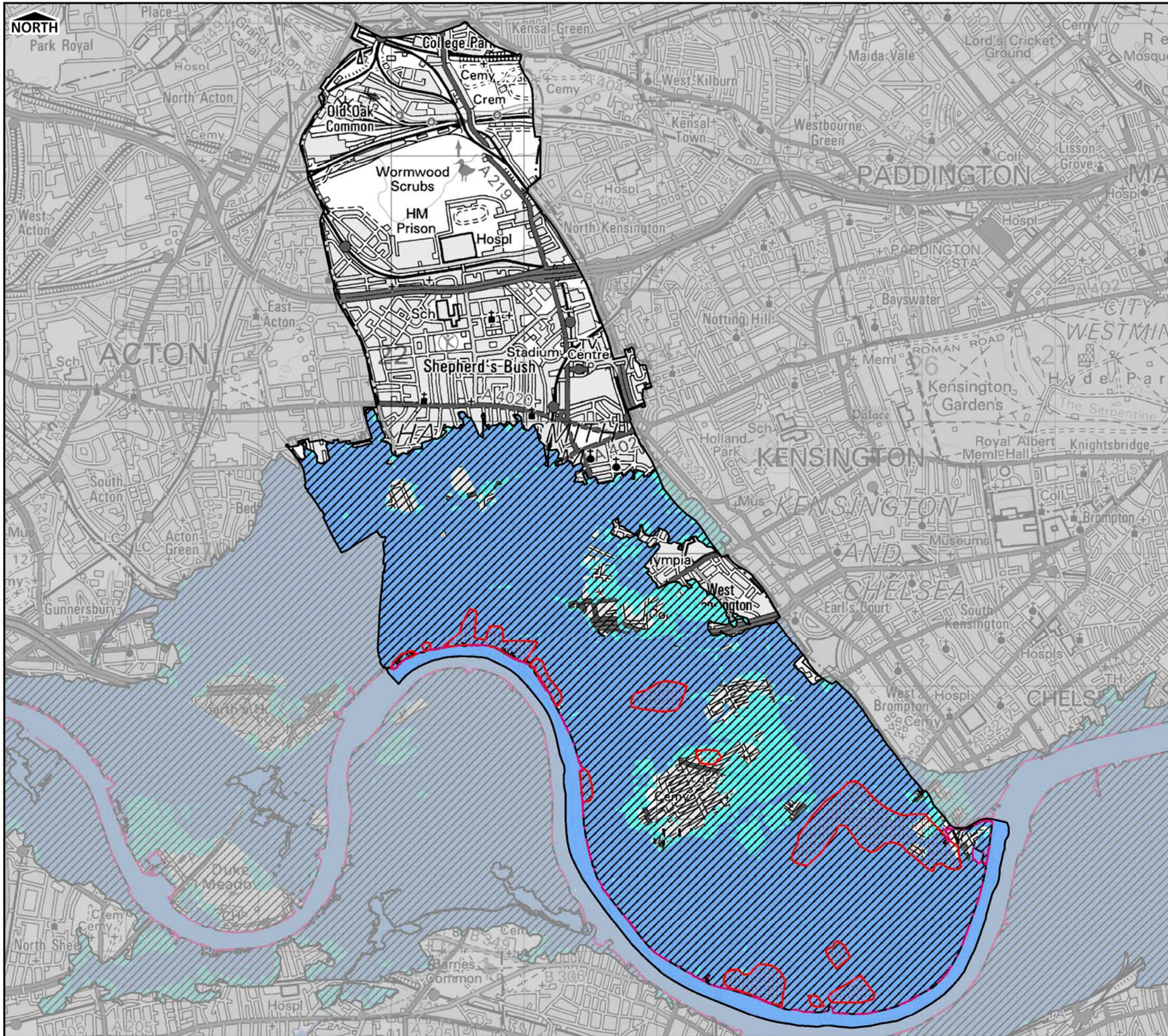
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**Surface Water Flooding Incidents**







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 Flood Risk Management

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 London  
 SW1P 1PL

**Figure A-1**



**Legend**

-  LBHF Administrative Area
-  Areas Benefitting from Flood Defences
-  Flood Zone 3
-  Flood Zone 2
-  Flood Defences
-  1928 Flood Event

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**Environment Agency Flood Map and Fluvial Flooding Incidents**

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**Figure A-2**



**Legend**

- LBHF Administrative Area
- Surface Water Sewer
- Combined Sewer
- Pumping Station

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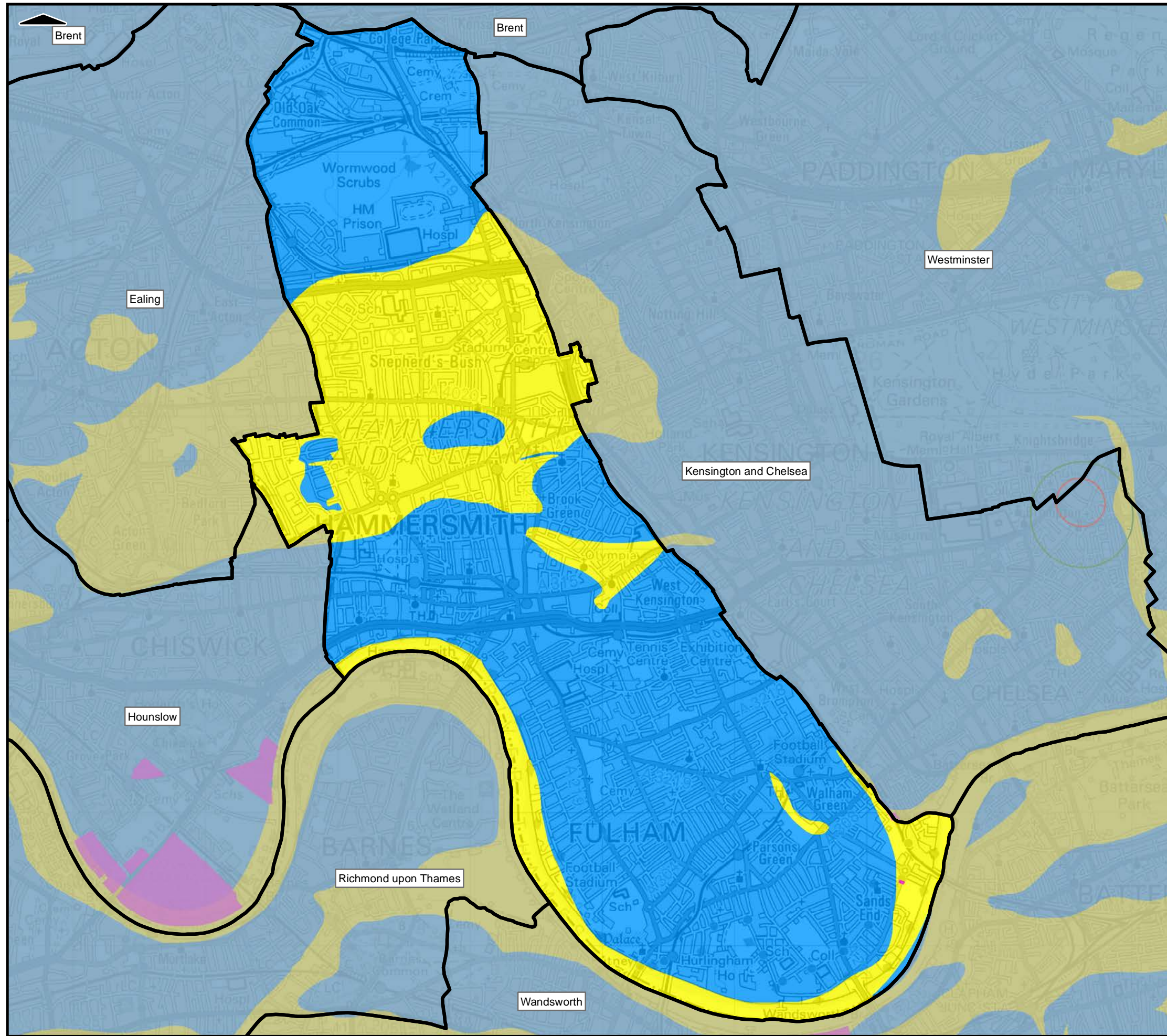
Scale at A3 1:30,000	Date Nov 2013	Drawn by DS	Approved by EC
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**Thames Water Sewer Network**

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**CAPITA | URS**  
 Flood Risk Management

URS Infrastructure and Environment UK Ltd  
 6 - 8 Greencoat Place  
 London  
 SW1P 1PL

**Figure A-3**



**Legend**

- EA Groundwater Source Protection Zone**
- Inner Zone
  - Outer Zone
  - Infiltration SuDS Potentially Suitable
  - Infiltration SuDS Potentially Unsuitable
  - Infiltration SUDS Suitability Uncertain - Enhanced Site Investigation required
  - Historic Landfill Site
  - LB Hammersmith and Fulham Administrative Boundary

**Notes**

Suitability mapping produced using BGS maximum and minimum permeability datasets

**London Borough of Hammersmith and Fulham**



**Surface Water Management Plan**

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**Infiltration SuDS Suitability Map**

**Consultants**

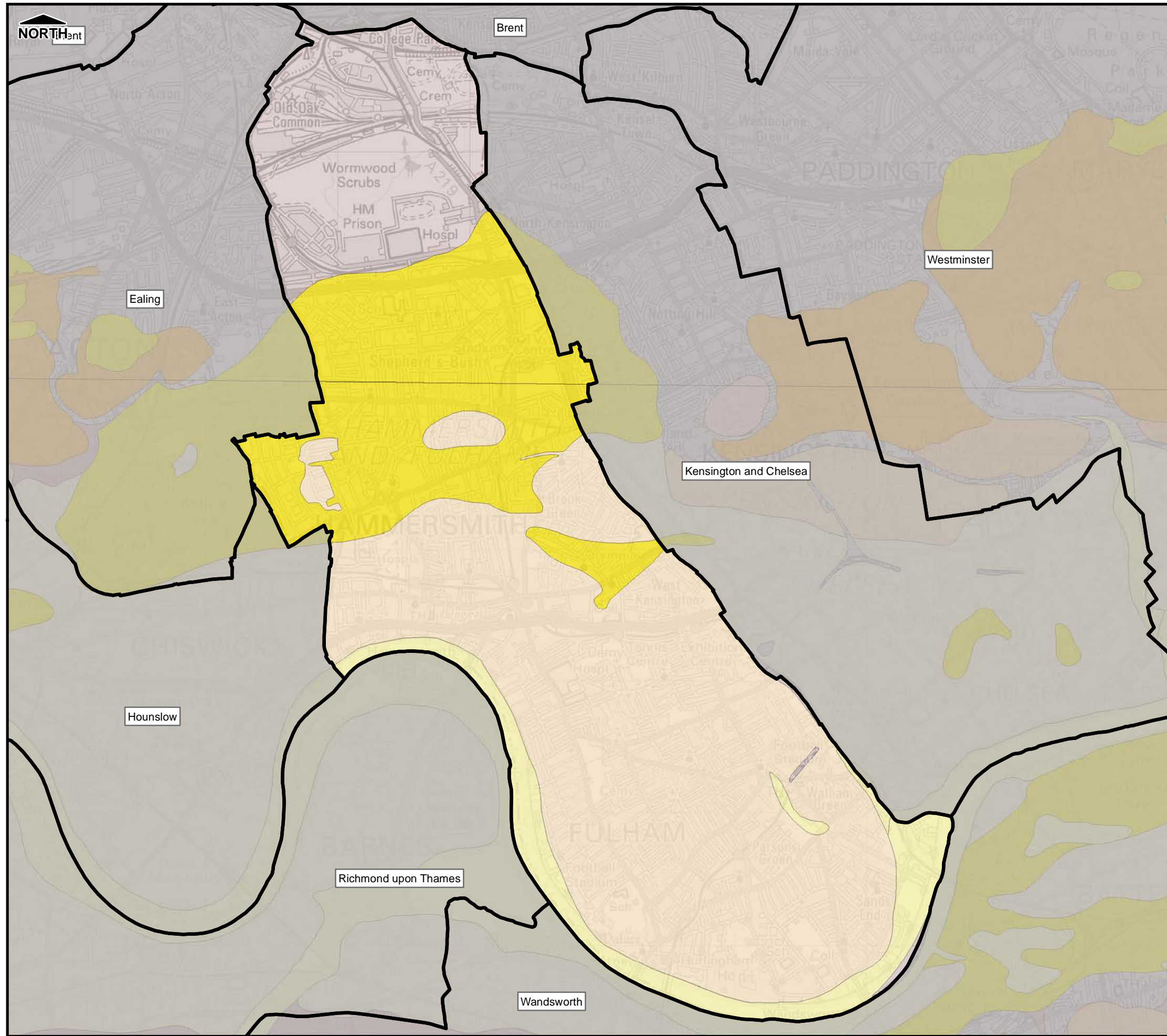
Halcrow Group Limited  
Elms House  
43 Brook Green  
Hammersmith  
London  
W6 7EF

**Drain London Programme Board Members**

**GREATER LONDON AUTHORITY**


**Figure A-4**

Filepath: \\lond-fs-07\water\Geospatial\Projects\WUDLS\GIS\Maps\Working\MXD\S\WMP\HandF\_DLCP3\_HandF\_SWMP\_SUDS\_Suitability.mxd



**Legend**


**Bedrock Geology**


 London Clay Formation

**Superficial Geology**

 Alluvium

 Kempton Park Gravel Formation

 Langley Silt Member

 LB Hammersmith and Fulham Administrative Boundary

**Notes**

1. This geology map is using the British Geological Survey's DiGMapGB-50 V5.18 dataset released in 2008.
2. The 1:50k scale data may be used as a guide to the geology at a local level, but should not be relied upon for site specific geology.

**London Borough of Hammersmith and Fulham**



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**Geology**

**Consultants**



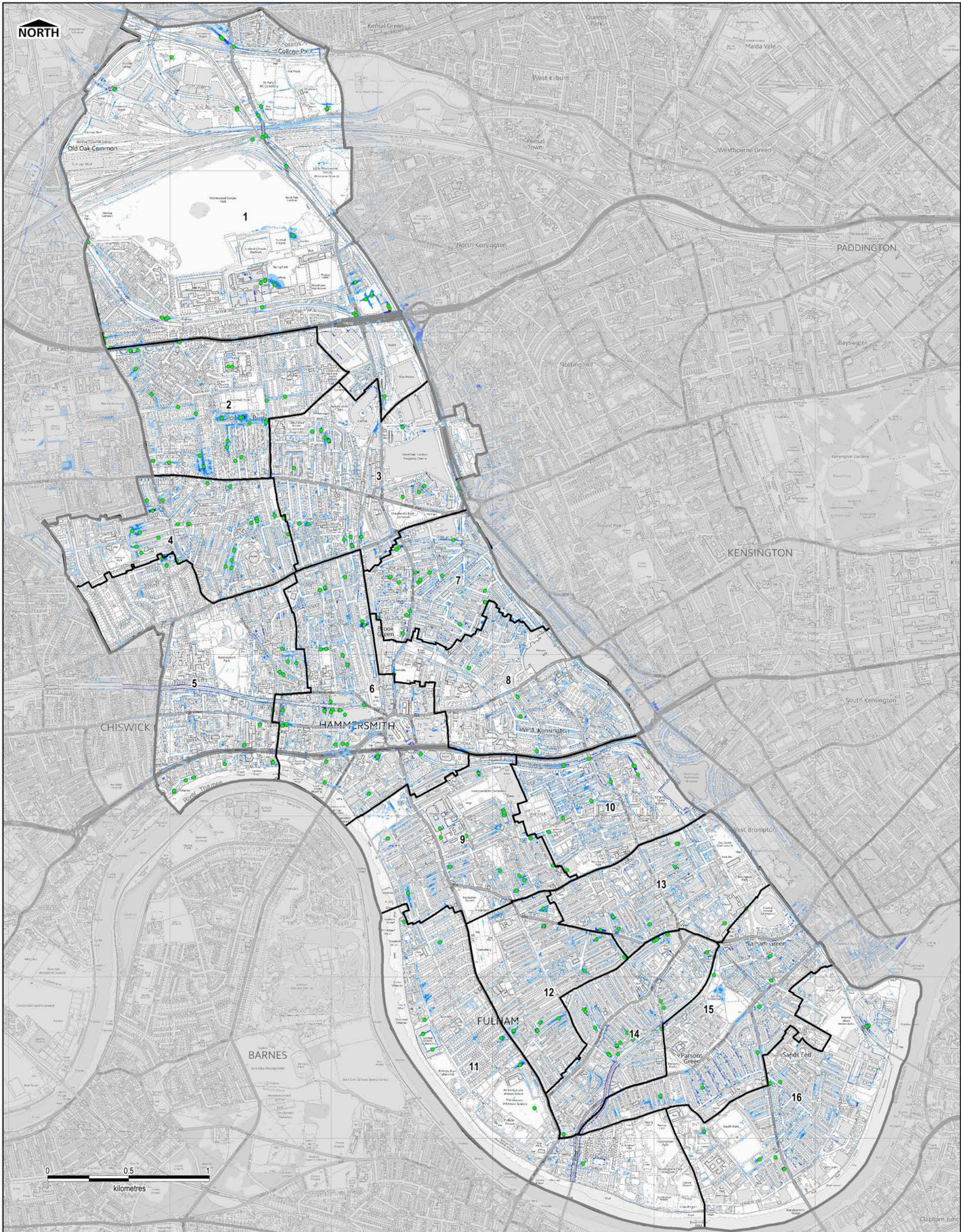
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 London  
 W6 7EF

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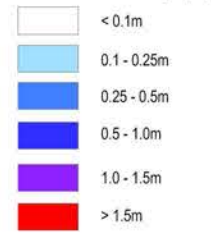
**GREATERLONDONAUTHORITY**

**Figure A-5**



**LEGEND**

**Surface Water Flood Depth (m)**



- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

**Ward Names**

- 1 - College Park and Old Oak
- 2 - Wormholt and White City
- 3 - Shepherd's Bush Green
- 4 - Ashlew
- 5 - Ravenscourt Park
- 6 - Hammersmith Broadway
- 7 - Addison
- 8 - Avonmore and Brook Green
- 9 - Fulham Reach
- 10 - North End
- 11 - Palace Riverside
- 12 - Munster
- 13 - Fulham Broadway
- 14 - Town
- 15 - Parsons Green and Walham
- 16 - Sands End

**NOTES**

Hydraulic modelling has been undertaken using linked 2D-1D hydraulic modelling software TUFLOW-ESTRY (ver 2012). Refer to the LBHF Model Build Report (2015) for further information on model limitations. The intended purpose of this drawing is to illustrate flood depth in areas in excess of 81m<sup>2</sup>. Due to the coarse nature of the data the results should not be used to examine flooding at property level.

As part of the SWMP, 'flooding hotspots' have identified which meet 1 of the following criteria:  
 Areas greater than 225 square metres defined as Significant hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**

LONDON BOROUGH OF  
**HAMMERSMITH AND FULHAM**  
 UPDATED SURFACE WATER  
 MANAGEMENT PLAN

**Drawing Title**

**MAXIMUM SURFACE WATER  
 FLOOD DEPTH (10% AEP)**

**Client**



**URS Infrastructure & Environment UK Ltd**

6 - 8 Greencoat Place  
 London  
 SW1P 1PL  
 Tel: +44 (0)207 7885000

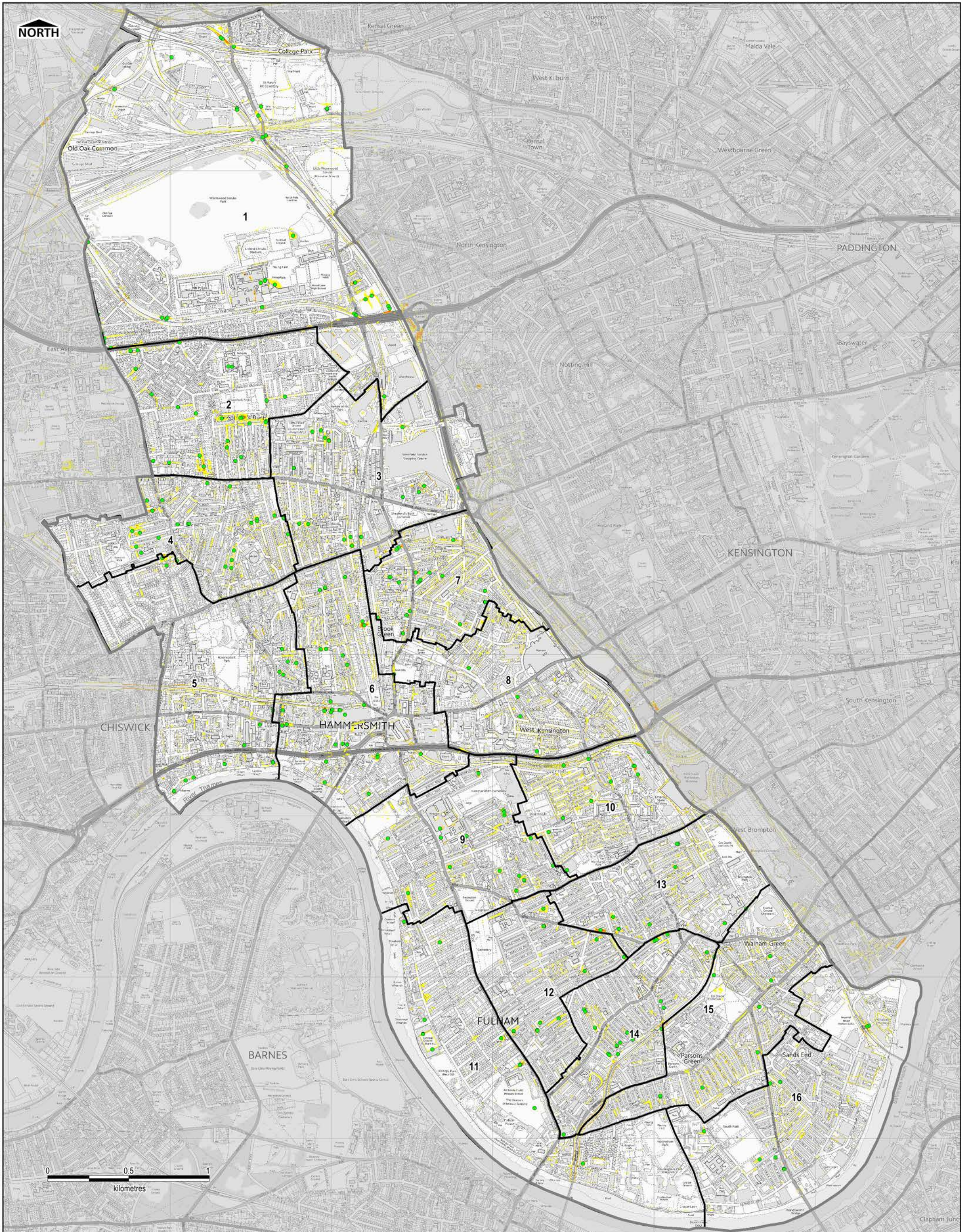
**CAPITA URS**  
 Flood Risk Management

**Drawing Number**

**FIGURE A-6a**

**Rev**

**04**



**LEGEND**

- Maximum Hazard Rating**
- <0.75 Low Hazard (Caution)
  - 0.75 - 1.25 Moderate (Danger for some)
  - 1.25 - 2.0 Significant (Danger for most)
  - >2.0 Extreme (Danger for all)
- LBHF Administrative boundary
  - Ward boundary
  - Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashway
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Waiham
  - 16 - Sands End

**NOTES**  
 Hydraulic modelling has been undertaken using linked 2D-1D hydraulic modelling software TUFLOW-ESTRY (ver 2012). Refer to the LBHF Model Build Report (2015) for further information on model limitations. The intended purpose of this drawing is to illustrate flood depth in areas in excess of 81m<sup>2</sup>. Due to the coarse nature of the data the results should not be used to examine flooding at property level.

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 Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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 LONDON BOROUGH OF HAMMERSMITH AND FULHAM  
 UPDATED SURFACE WATER  
 MANAGEMENT PLAN

**Drawing Title**  
 MAXIMUM SURFACE WATER  
 FLOOD HAZARD RATING  
 (10% AEP)

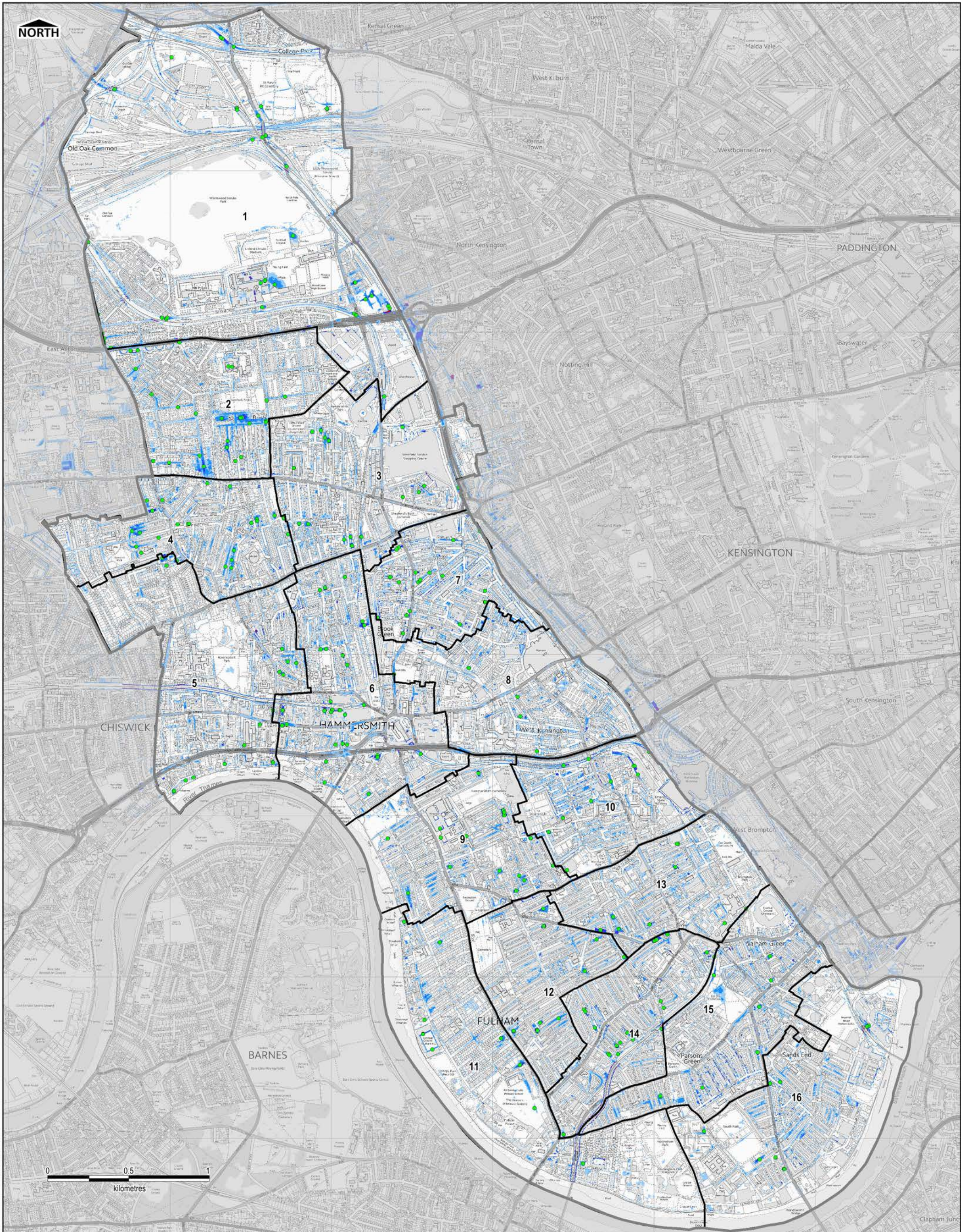
**Client**  
  
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URS Infrastructure & Environment UK Ltd  
 6 - 8 Greencoat Place  
 London SW1P 1PL  
 Tel: +44 (0)207 7865000

**Capita URS**  
 Flood Risk Management

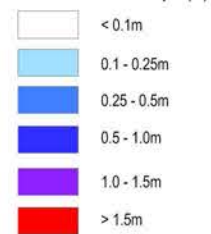
<b>Drawing Number</b>	<b>Rev</b>
FIGURE A-6b	04





**LEGEND**

**Surface Water Flood Depth (m)**



- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

**Ward Names**

- 1 - College Park and Old Oak
- 2 - Wormholt and White City
- 3 - Shepherd's Bush Green
- 4 - Ashlew
- 5 - Ravenscourt Park
- 6 - Hammersmith Broadway
- 7 - Addison
- 8 - Avonmore and Brook Green
- 9 - Fulham Reach
- 10 - North End
- 11 - Palace Riverside
- 12 - Munster
- 13 - Fulham Broadway
- 14 - Town
- 15 - Parsons Green and Walham
- 16 - Sands End

**NOTES**

Hydraulic modelling has been undertaken using linked 2D-1D hydraulic modelling software TUFLOW-ESTRY (ver 2012). Refer to the LBHF Model Build Report (2015) for further information on model limitations. The intended purpose of this drawing is to illustrate flood depth in areas in excess of 81m<sup>2</sup>. Due to the coarse nature of the data the results should not be used to examine flooding at property level.

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 Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Drawing Title**

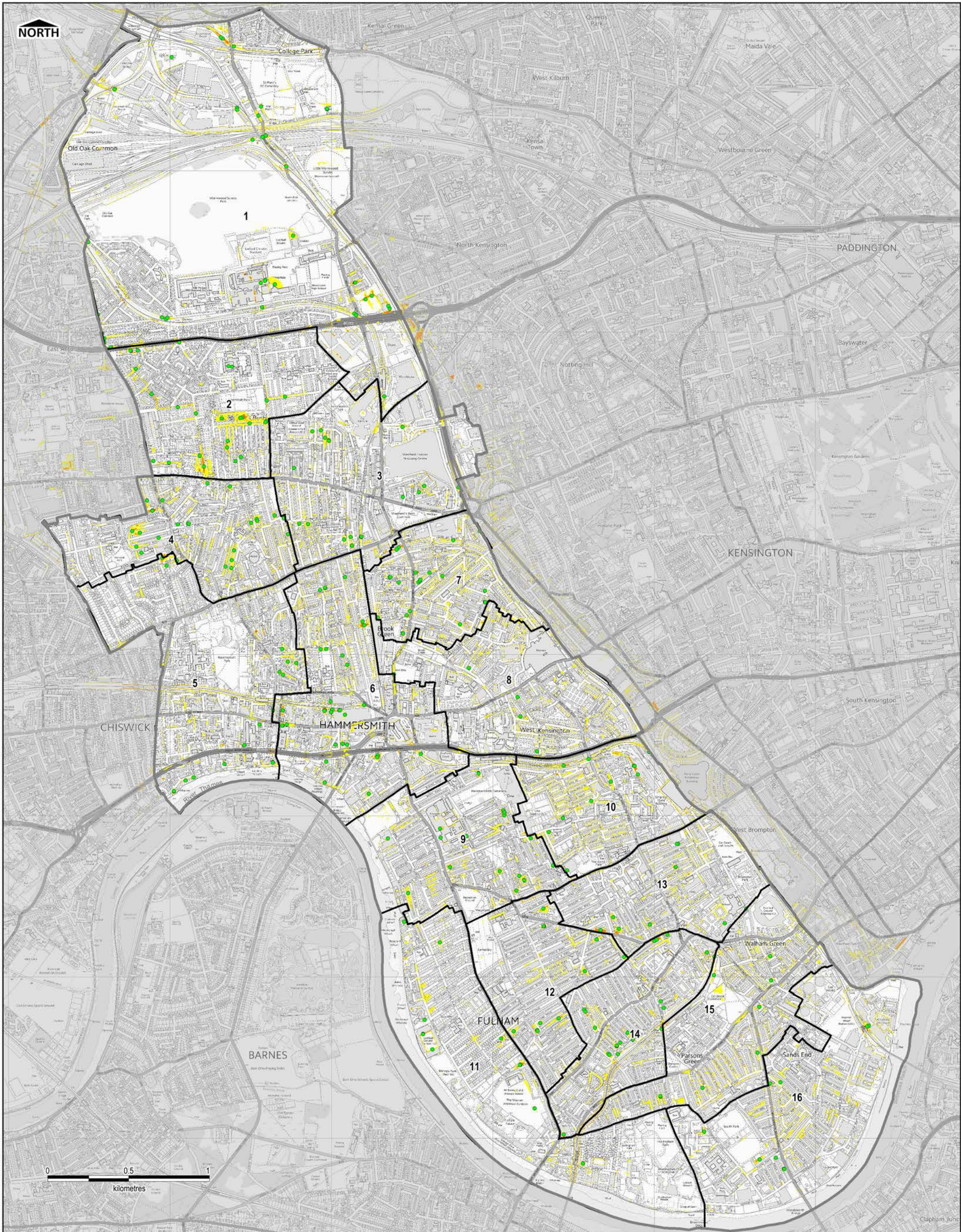
**MAXIMUM SURFACE WATER  
 FLOOD DEPTH (5% AEP)**

**Client**



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 6 - 8 Greencroft Place  
 London SW1P 1PL  
 Tel: +44 (0)207 7885000

Drawing Number	<b>FIGURE A-7a</b>	Rev	<b>04</b>
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**LEGEND**

- Maximum Hazard Rating**
- <0.75 Low Hazard (Caution)
  - 0.75 - 1.25 Moderate (Danger for some)
  - 1.25 - 2.0 Significant (Danger for most)
  - >2.0 Extreme (Danger for all)
- LBHF Administrative boundary
  - Ward boundary
  - Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashlew
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Walham
  - 16 - Sands End

**NOTES**

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- Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.
- Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**

LONDON BOROUGH OF  
HAMMERSMITH AND FULHAM  
UPDATED SURFACE WATER  
MANAGEMENT PLAN

**Drawing Title**

MAXIMUM SURFACE WATER  
FLOOD HAZARD RATING  
(5% AEP)

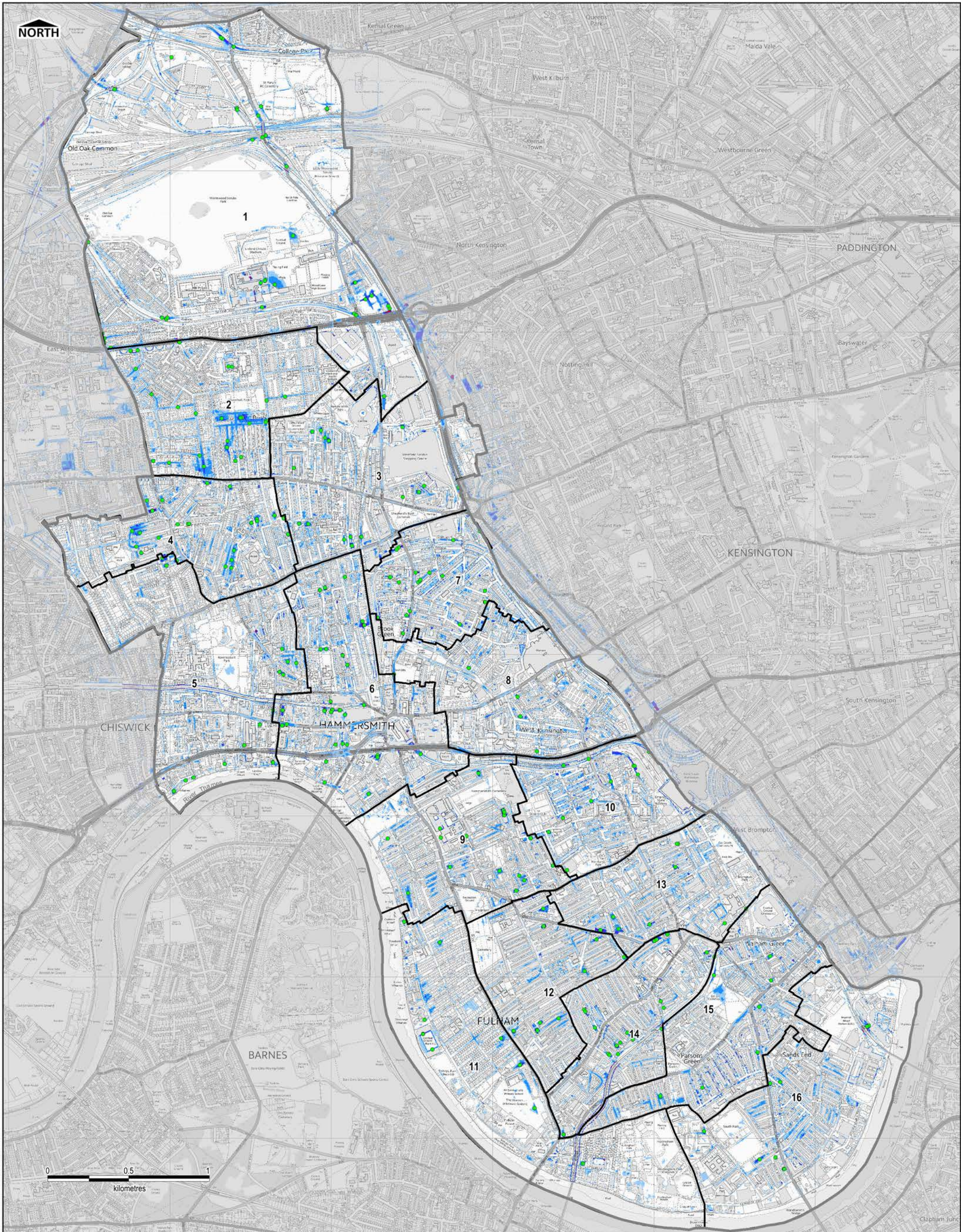
**Client**



URS Infrastructure & Environment UK Ltd  
6 - 8 Greenock Place  
London  
SW1P 1PL  
Tel: +44 (0)207 7885000

**CAPITA URS**  
Flood Risk Management

<b>Drawing Number</b>	<b>Rev</b>
FIGURE A-7b	04



NORTH



**LEGEND**

**Surface Water Flood Depth (m)**

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

- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashlew
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Waltham
  - 16 - Sands End

**NOTES**

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- Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.
- Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**

LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN

**Drawing Title**

MAXIMUM SURFACE WATER FLOOD DEPTH (3.3% AEP)

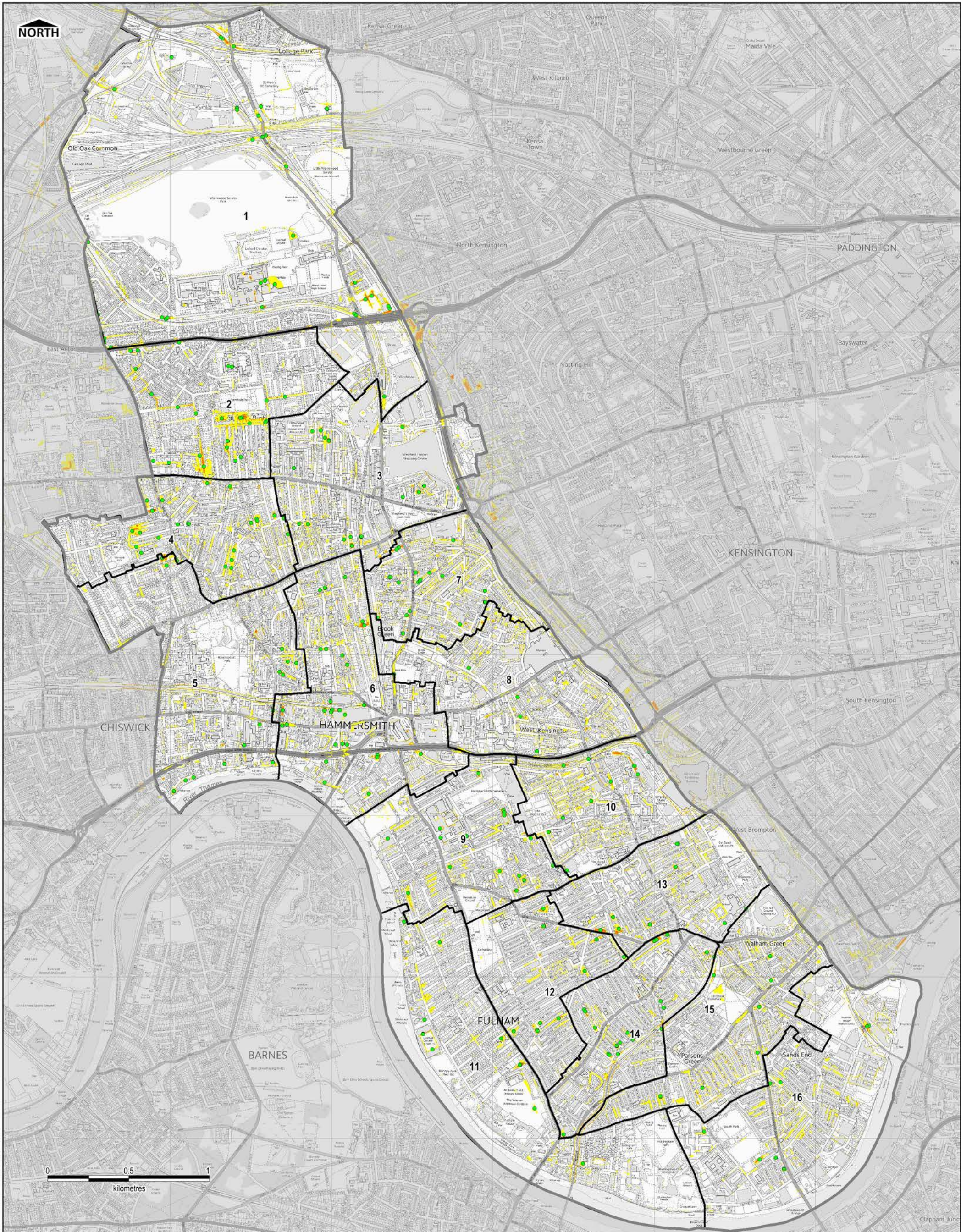
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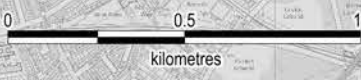
**CAPITA URS**  
 Flood Risk Management

**Drawing Number**  
 FIGURE A-8a

**Rev**  
 04



NORTH



**LEGEND**

- Maximum Hazard Rating**
- <0.75 Low Hazard (Caution)
  - 0.75 - 1.25 Moderate (Danger for some)
  - 1.25 - 2.0 Significant (Danger for most)
  - >2.0 Extreme (Danger for all)
- LBHF Administrative boundary
  - Ward boundary
  - Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashew
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Walham
  - 16 - Sands End

**NOTES**  
 Hydraulic modelling has been undertaken using linked 2D-1D hydraulic modelling software TUFLOW-ESTRY (ver 2012). Refer to the LBHF Model Build Report (2015) for further information on model limitations. The intended purpose of this drawing is to illustrate flood depth in areas in excess of 81m<sup>2</sup>. Due to the coarse nature of the data the results should not be used to examine flooding at property level.

As part of the SWMP, 'flooding hotspots' have identified which meet 1 of the following criteria:  
 Areas greater than 225 square metres defined as Significant hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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Approved	JR	Date	24/03/15

**Project Title**  
 LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN

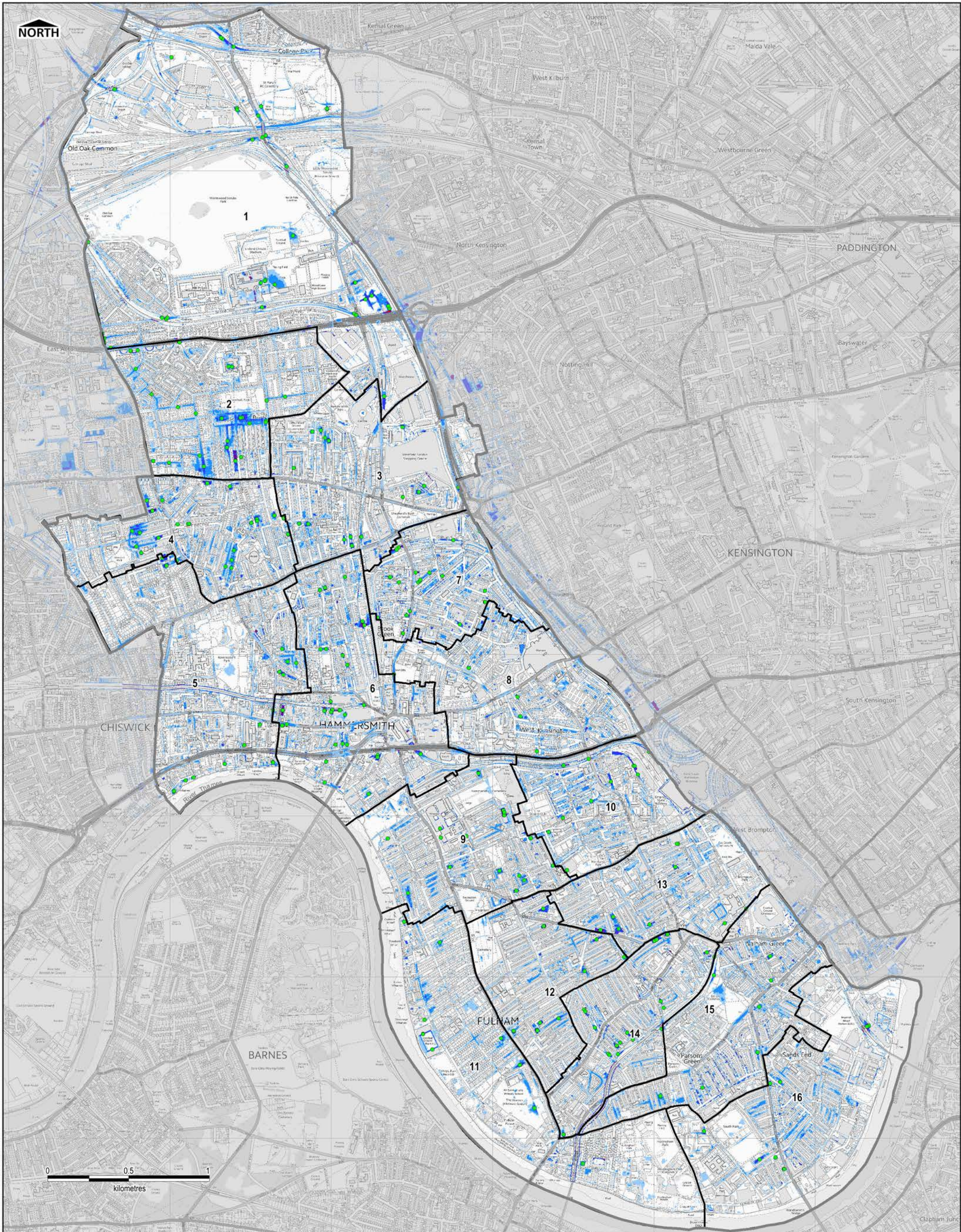
**Drawing Title**  
 MAXIMUM SURFACE WATER FLOOD HAZARD RATING (3.3% AEP)

**Client**  
  
 hammersmith & fulham

URS Infrastructure & Environment UK Ltd  
 6 - 8 Greenock Place  
 London SW1P 1PL  
 Tel: +44 (0)207 7885000

**Capita URS**  
 Flood Risk Management

<b>Drawing Number</b>	<b>Rev</b>
FIGURE A-8b	04



**LEGEND**

**Surface Water Flood Depth (m)**

	<math>< 0.1\text{m}</math>
	0.1 - 0.25m
	0.25 - 0.5m
	0.5 - 1.0m
	1.0 - 1.5m
	> 1.5m

- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashlew
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Walham
  - 16 - Sands End

**NOTES**  
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Project Title  
**LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN**

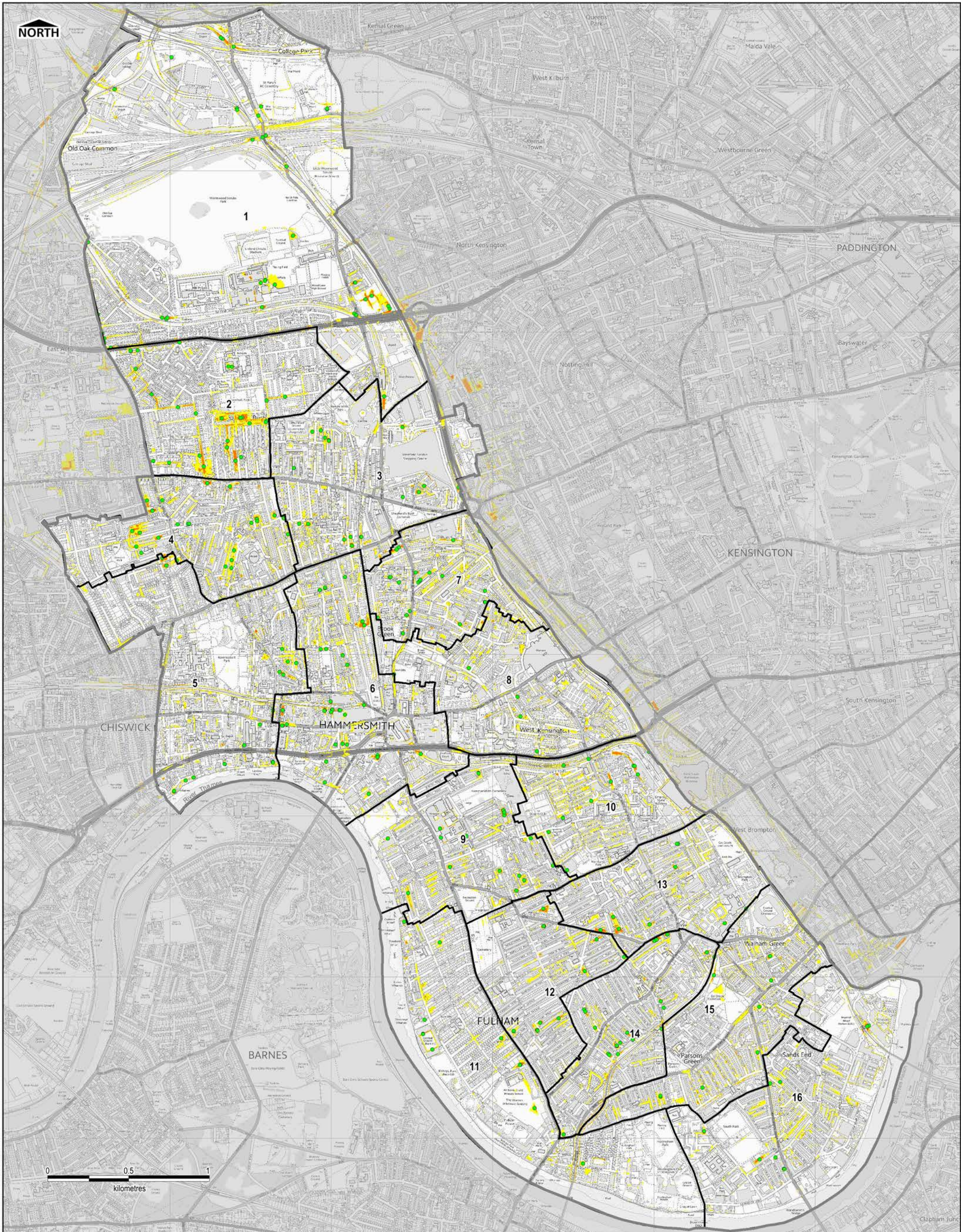
Drawing Title  
**MAXIMUM SURFACE WATER FLOOD DEPTH (2% AEP)**



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**CAPITA URS**  
 Flood Risk Management

Drawing Number	Rev
<b>FIGURE A-9a</b>	<b>04</b>



NORTH



LEGEND	
<b>Maximum Hazard Rating</b>	
	<0.75 Low Hazard (Caution)
	0.75 - 1.25 Moderate (Danger for some)
	1.25 - 2.0 Significant (Danger for most)
	>2.0 Extreme (Danger for all)
	LBHF Administrative boundary
	Ward boundary
	Flooding hotspots

Ward Names	
1	College Park and Old Oak
2	Wormholt and White City
3	Shepherd's Bush Green
4	Ashley
5	Ravenscourt Park
6	Hammersmith Broadway
7	Addison
8	Avonmore and Brook Green
9	Fulham Reach
10	North End
11	Palace Riverside
12	Munster
13	Fulham Broadway
14	Town
15	Parsons Green and Walham
16	Sands End

**NOTES**  
 Hydraulic modelling has been undertaken using linked 2D-1D hydraulic modelling software TUFLOW-ESTRY (ver 2012). Refer to the LBHF Model Build Report (2015) for further information on model limitations. The intended purpose of this drawing is to illustrate flood depth in areas in excess of 81m2. Due to the coarse nature of the data the results should not be used to examine flooding at property level.

As part of the SWMP, 'flooding hotspots' have identified which meet 1 of the following criteria:  
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 Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**  
 LONDON BOROUGH OF HAMMERSMITH AND FULHAM  
 UPDATED SURFACE WATER  
 MANAGEMENT PLAN

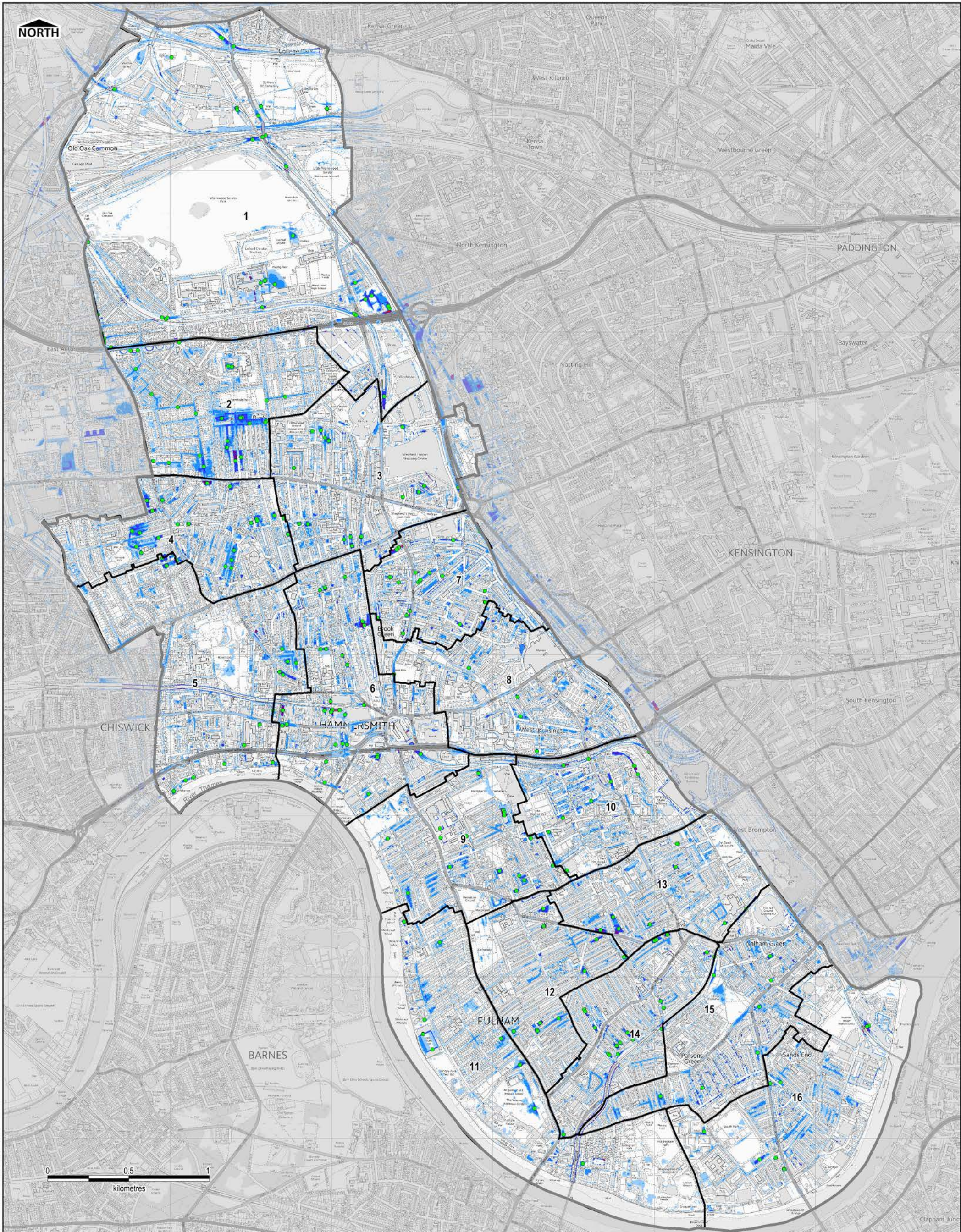
**Drawing Title**  
 MAXIMUM SURFACE WATER  
 FLOOD HAZARD RATING  
 (2% AEP)

**Client**  
 hammersmith & fulham

URS Infrastructure & Environment UK Ltd  
 6 - 8 Greencot Place  
 London SW1P 1PL  
 Tel: +44 (0)207 7885000

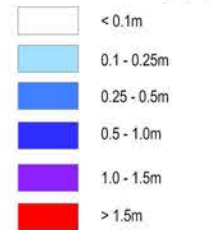
**Capita URS**  
 Flood Risk Management

<b>Drawing Number</b>	<b>Rev</b>
FIGURE A-9b	04



**LEGEND**

**Surface Water Flood Depth (m)**



- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

**Ward Names**

- 1 - College Park and Old Oak
- 2 - Wormholt and White City
- 3 - Shepherd's Bush Green
- 4 - Ashlew
- 5 - Ravenscourt Park
- 6 - Hammersmith Broadway
- 7 - Addison
- 8 - Avonmore and Brook Green
- 9 - Fulham Reach
- 10 - North End
- 11 - Palace Riverside
- 12 - Munster
- 13 - Fulham Broadway
- 14 - Town
- 15 - Parsons Green and Waltham
- 16 - Sands End

**NOTES**

Hydraulic modelling has been undertaken using linked 2D-1D hydraulic modelling software TUFLOW-ESTRY (ver 2012). Refer to the LBHF Model Build Report (2015) for further information on model limitations. The intended purpose of this drawing is to illustrate flood depth in areas in excess of 81m<sup>2</sup>. Due to the coarse nature of the data the results should not be used to examine flooding at property level.

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 Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**

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HAMMERSMITH AND FULHAM  
UPDATED SURFACE WATER  
MANAGEMENT PLAN

**Drawing Title**

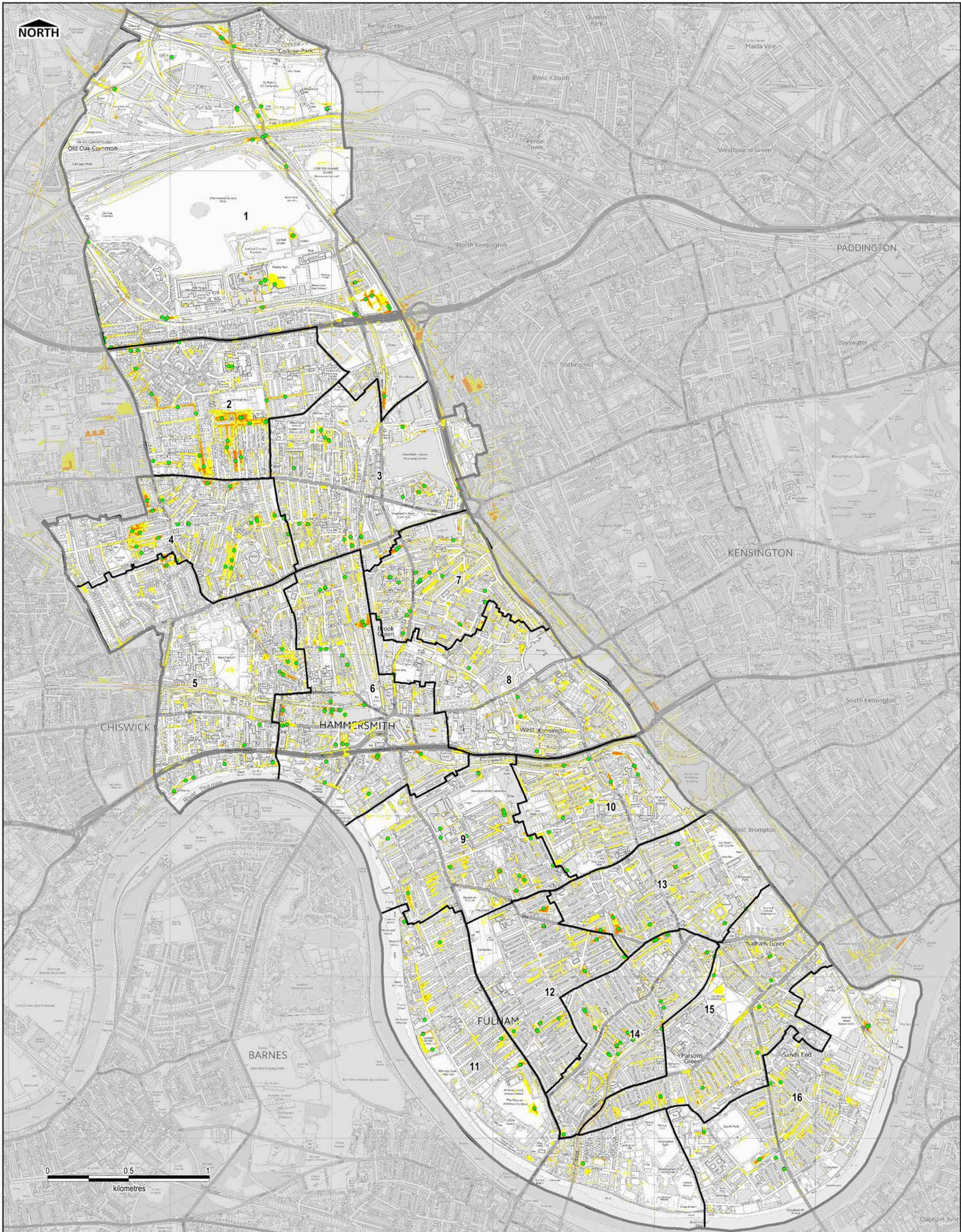
MAXIMUM SURFACE WATER  
FLOOD DEPTH (1.3% AEP)

**Client**

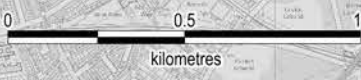


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Drawing Number	Rev
FIGURE A-10a	04



NORTH



**LEGEND**

- Maximum Hazard Rating**
- <0.75 Low Hazard (Caution)
  - 0.75 - 1.25 Moderate (Danger for some)
  - 1.25 - 2.0 Significant (Danger for most)
  - >2.0 Extreme (Danger for all)
- LBHF Administrative boundary
  - Ward boundary
  - Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashlew
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Walham
  - 16 - Sands End

**NOTES**  
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 Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.  
 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**  
 LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN

**Drawing Title**  
 MAXIMUM SURFACE WATER FLOOD HAZARD RATING (1.3% AEP)

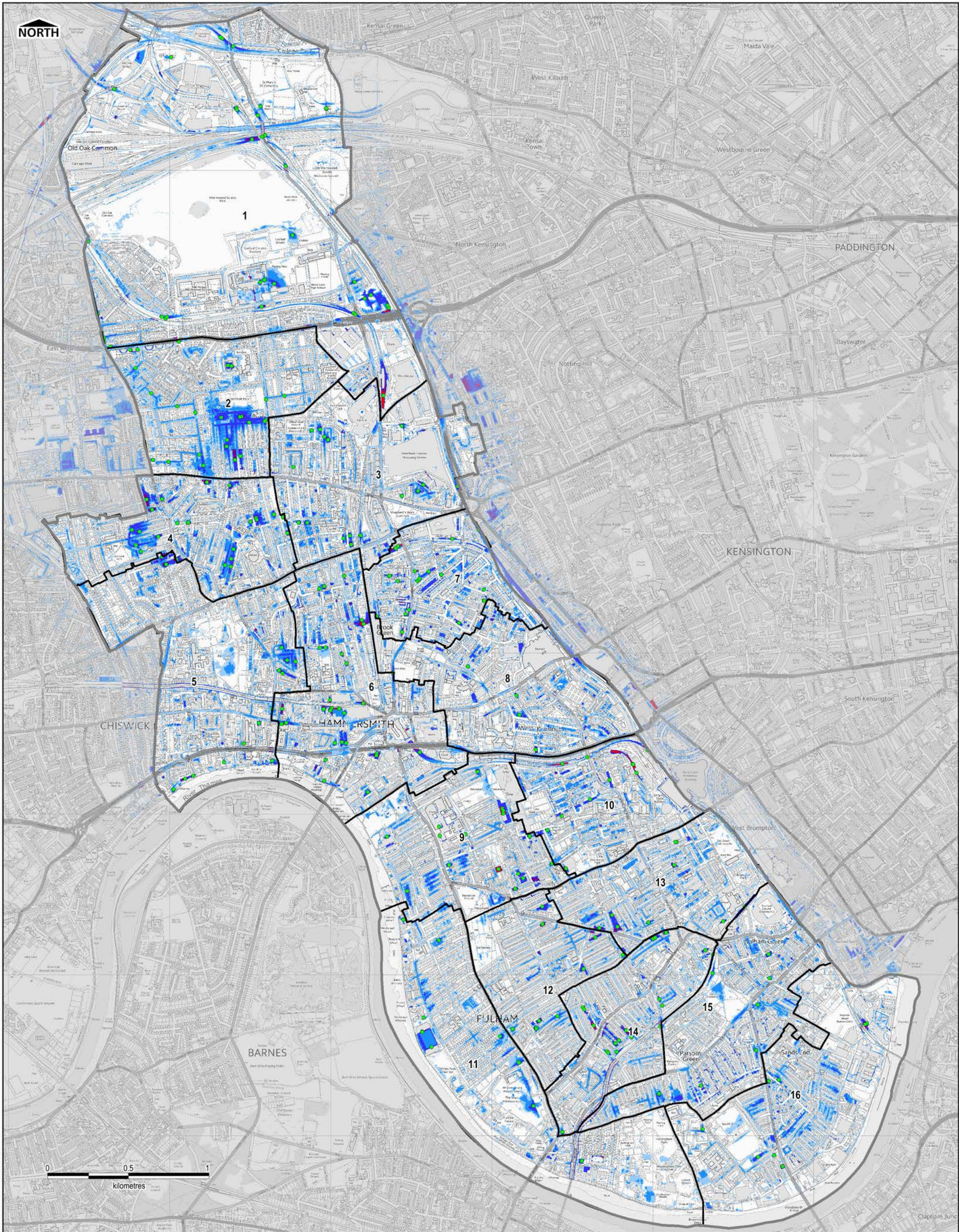
**Client**  
  
 hammersmith & fulham

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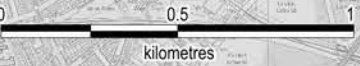
**Capita URS**  
 Flood Risk Management

<b>Drawing Number</b>	<b>Rev</b>
FIGURE A-10b	04





NORTH



**LEGEND**

Surface Water Flood Depth (m)	
	< 0.1m
	0.1 - 0.25m
	0.25 - 0.5m
	0.5 - 1.0m
	1.0 - 1.5m
	> 1.5m

	LBHF Administrative boundary
	Ward boundary
	Flooding hotspots

**Ward Names**

- 1 - College Park and Old Oak
- 2 - Wormholt and White City
- 3 - Shepherd's Bush Green
- 4 - Ashlew
- 5 - Ravenscourt Park
- 6 - Hammersmith Broadway
- 7 - Addison
- 8 - Avonmore and Brook Green
- 9 - Fulham Reach
- 10 - North End
- 11 - Palace Riverside
- 12 - Munster
- 13 - Fulham Broadway
- 14 - Town
- 15 - Parsons Green and Walham
- 16 - Sands End

**NOTES**  
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 Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**  
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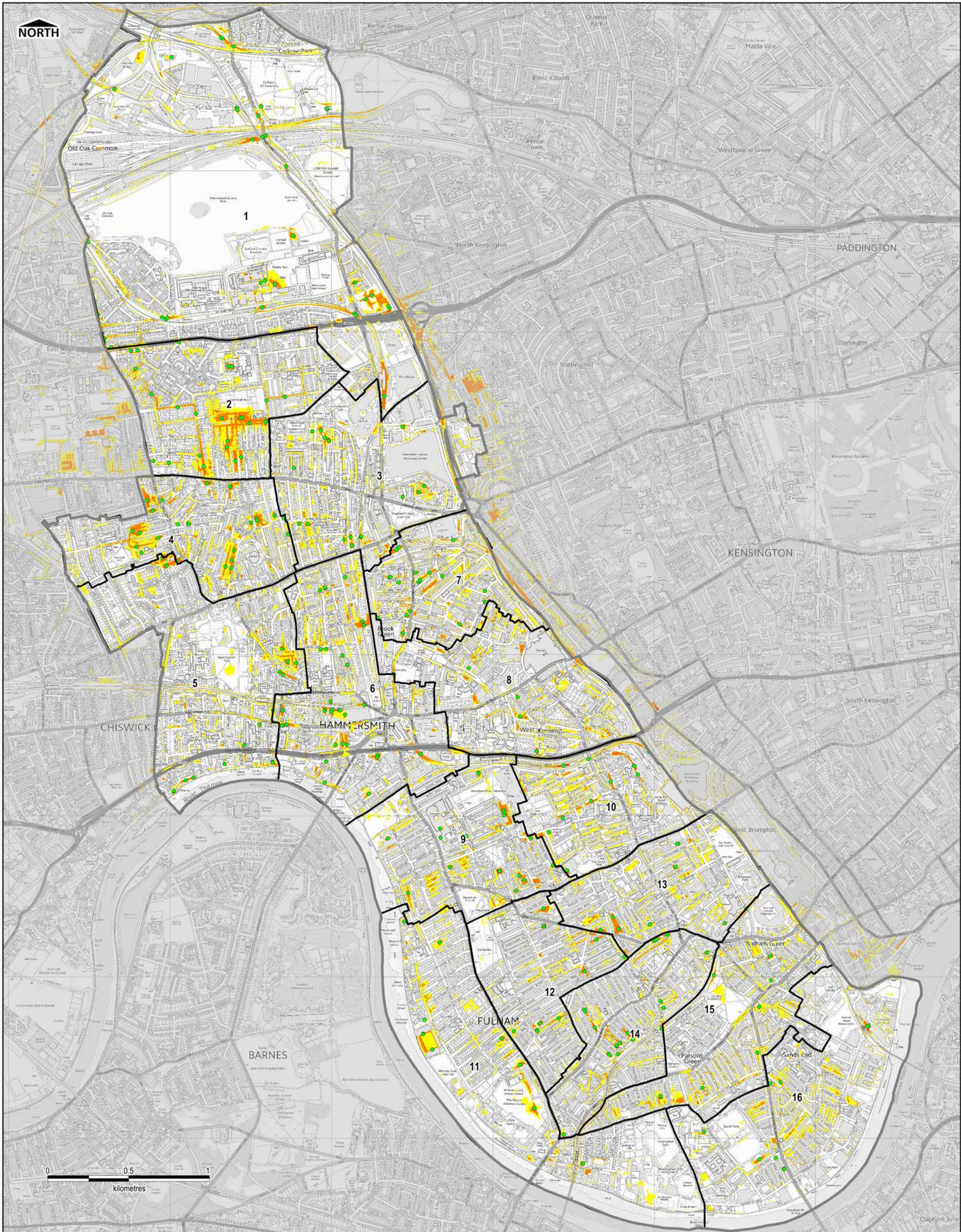
**Drawing Title**  
 MAXIMUM SURFACE WATER FLOOD DEPTH (1% AEP + CLIMATE CHANGE)

**Client**  
 hammersmith & fulham

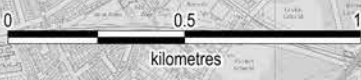
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 Tel: +44 (0)207 7865000

**Capita URS**  
 Flood Risk Management

Drawing Number	Rev
FIGURE A-11a	04



NORTH



**LEGEND**

- Maximum Hazard Rating**
- <0.75 Low Hazard (Caution)
  - 0.75 - 1.25 Moderate (Danger for some)
  - 1.25 - 2.0 Significant (Danger for most)
  - >2.0 Extreme (Danger for all)
- LBHF Administrative boundary
  - Ward boundary
  - Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashlew
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Walham
  - 16 - Sands End

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- Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.
- Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**

LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN

**Drawing Title**

MAXIMUM SURFACE WATER FLOOD HAZARD RATING (1% AEP + CLIMATE CHANGE)

**Client**

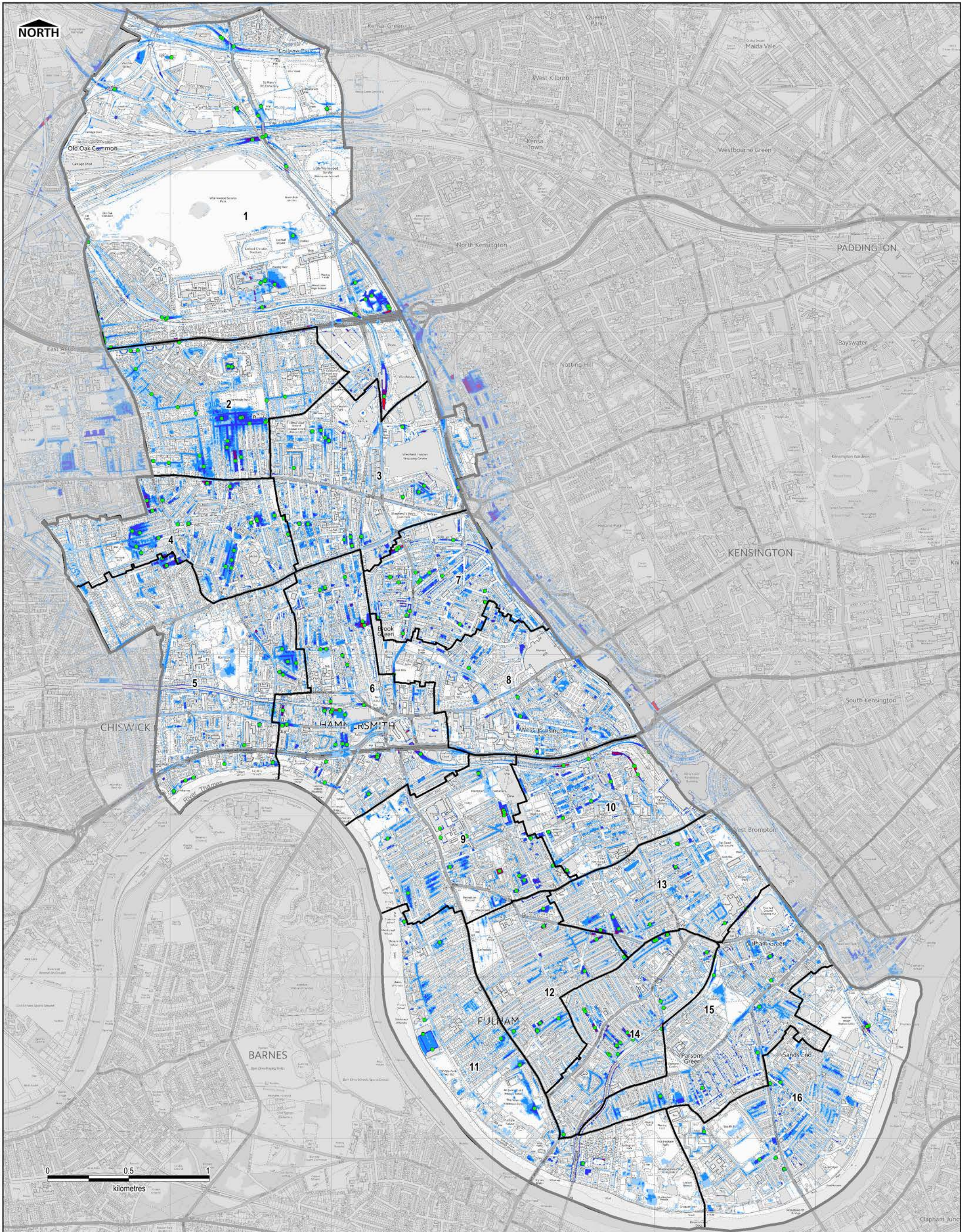
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**CAPITA URS**  
 Flood Risk Management

**Drawing Number**  
 FIGURE A-11b

**Rev**  
 04

N:\Water\Current Projects\47065080\_LBHF\_RBKC\_SWMP and SFRA\_Review06\_GIS\W06



**LEGEND**

**Surface Water Flood Depth (m)**

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

- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
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- Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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**Project Title**

LONDON BOROUGH OF  
HAMMERSMITH AND FULHAM  
UPDATED SURFACE WATER  
MANAGEMENT PLAN

**Drawing Title**

MAXIMUM SURFACE WATER  
FLOOD DEPTH (0.5% AEP)

**Client**

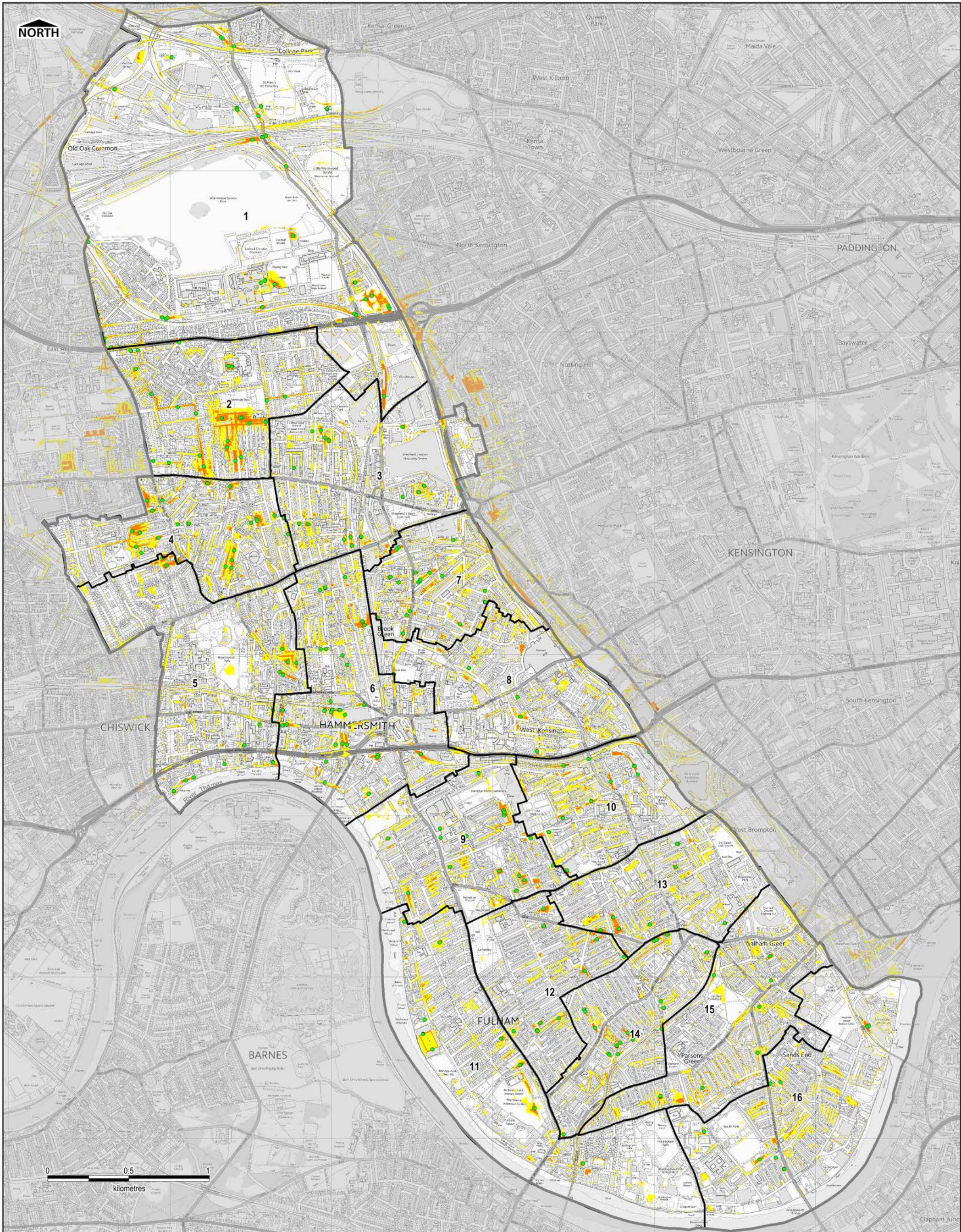


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hammersmith & fulham

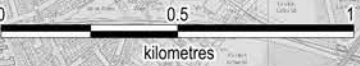
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**CAPITA URS**  
Flood Risk Management

<b>Drawing Number</b>	<b>Rev</b>
FIGURE A-12a	04



NORTH



**LEGEND**

- Maximum Hazard Rating**
- <0.75 Low Hazard (Caution)
  - 0.75 - 1.25 Moderate (Danger for some)
  - 1.25 - 2.0 Significant (Danger for most)
  - >2.0 Extreme (Danger for all)
- LBHF Administrative boundary
  - Ward boundary
  - Flooding hotspots

- Ward Names**
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  - 3 - Shepherd's Bush Green
  - 4 - Ashlew
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  - 6 - Hammersmith Broadway
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  - 16 - Sands End

**NOTES**

Hydraulic modelling has been undertaken using linked 2D-1D hydraulic modelling software TUFLOW-ESTRY (ver 2012). Refer to the LBHF Model Build Report (2015) for further information on model limitations. The intended purpose of this drawing is to illustrate flood depth in areas in excess of 81m<sup>2</sup>. Due to the coarse nature of the data the results should not be used to examine flooding at property level.

As part of the SWMP, 'flooding hotspots' have identified which meet 1 of the following criteria:

- Areas greater than 225 square metres defined as Significant hazard rating during the 1% AEP rainfall event.
- Areas greater than 81 square metres defined as Extreme hazard rating during the 1% AEP rainfall event.
- Areas greater than 81 square metres defined as Significant hazard rating during the 10% AEP rainfall event.

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Approved	JR	Date	24/03/15

**Project Title**

LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN

**Drawing Title**

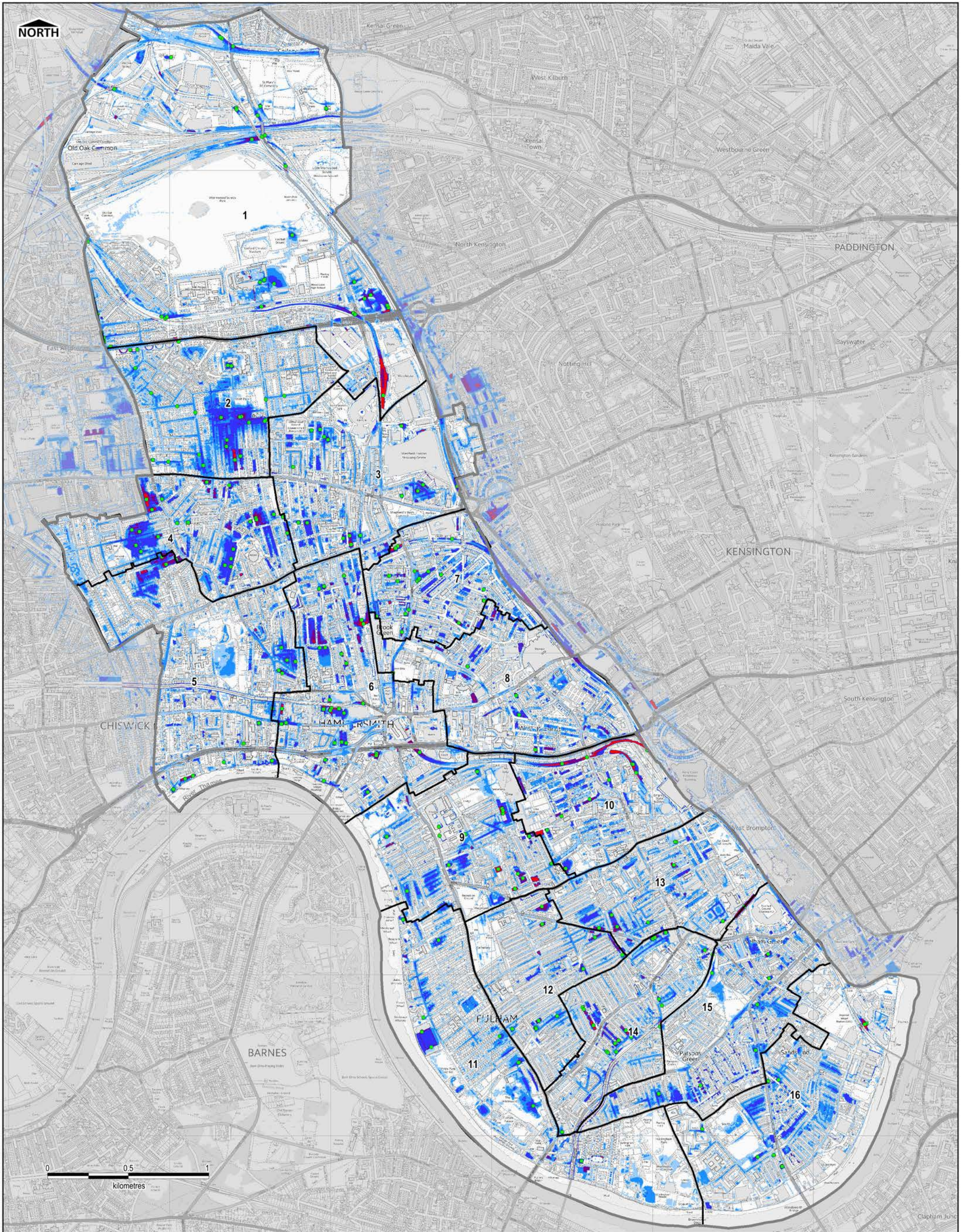
MAXIMUM SURFACE WATER FLOOD HAZARD RATING (0.5% AEP)

**Client**

URS Infrastructure & Environment UK Ltd  
 6 - 8 Greenock Place  
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 Tel: +44 (0)207 7885000

**CAPITA URS**  
 Flood Risk Management

<b>Drawing Number</b>	<b>Rev</b>
FIGURE A-12b	04



**LEGEND**

**Surface Water Flood Depth (m)**

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

- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

- Ward Names**
- 1 - College Park and Old Oak
  - 2 - Wormholt and White City
  - 3 - Shepherd's Bush Green
  - 4 - Ashlew
  - 5 - Ravenscourt Park
  - 6 - Hammersmith Broadway
  - 7 - Addison
  - 8 - Avonmore and Brook Green
  - 9 - Fulham Reach
  - 10 - North End
  - 11 - Palace Riverside
  - 12 - Munster
  - 13 - Fulham Broadway
  - 14 - Town
  - 15 - Parsons Green and Walham
  - 16 - Sands End

**NOTES**

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LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN

**Drawing Title**

MAXIMUM SURFACE WATER FLOOD DEPTH (0.1% AEP)

**Client**

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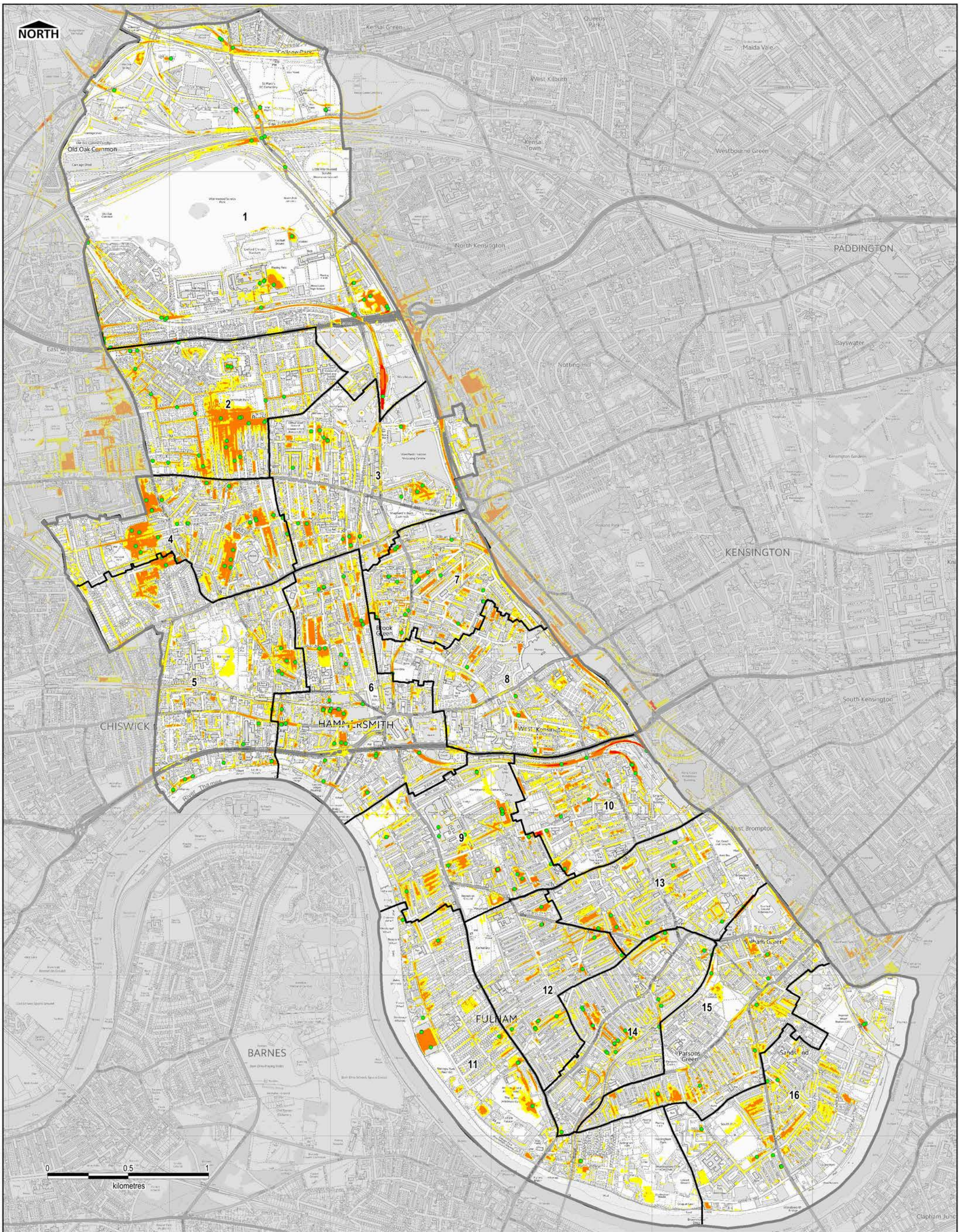
**CAPITA URS**  
Flood Risk Management

**Drawing Number**

FIGURE A-13a

**Rev**

04



**LEGEND**

**Maximum Hazard Rating**

- <0.75 Low Hazard (Caution)
- 0.75 - 1.25 Moderate (Danger for some)
- 1.25 - 2.0 Significant (Danger for most)
- >2.0 Extreme (Danger for all)

- LBHF Administrative boundary
- Ward boundary
- Flooding hotspots

**Ward Names**

- 1 - College Park and Old Oak
- 2 - Wormholt and White City
- 3 - Shepherd's Bush Green
- 4 - Ashlew
- 5 - Ravenscourt Park
- 6 - Hammersmith Broadway
- 7 - Addison
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- 14 - Town
- 15 - Parsons Green and Walham
- 16 - Sands End

**NOTES**

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**Project Title**

LONDON BOROUGH OF HAMMERSMITH AND FULHAM UPDATED SURFACE WATER MANAGEMENT PLAN

**Drawing Title**

MAXIMUM SURFACE WATER FLOOD HAZARD RATING (0.1% AEP)

**Client**



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**CAPITA URS**  
Flood Risk Management

**Drawing Number**

FIGURE A-13b

**Rev**

04