



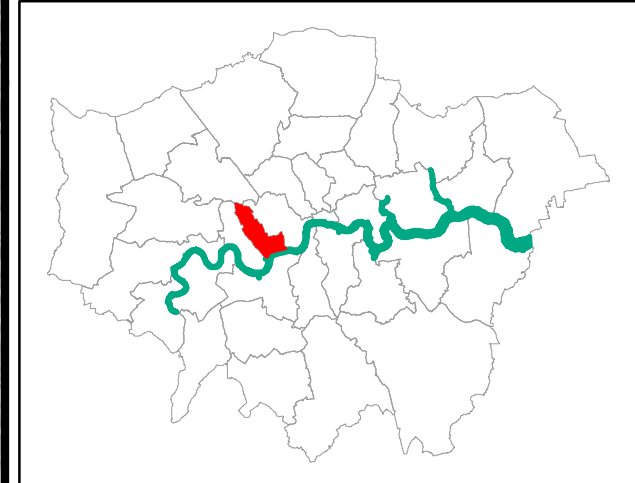


Legend

-  Administrative Boundary
-  Main River
-  Ordinary Watercourse
-  Culverted Watercourse



Notes

Royal Borough of Kensington and Chelsea



THE ROYAL BOROUGH OF
**KENSINGTON
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Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:25,000	Jan. 2014	G.ATHANASIA	P.HLINOVSKY

Kensington and Chelsea Location Plan

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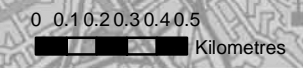
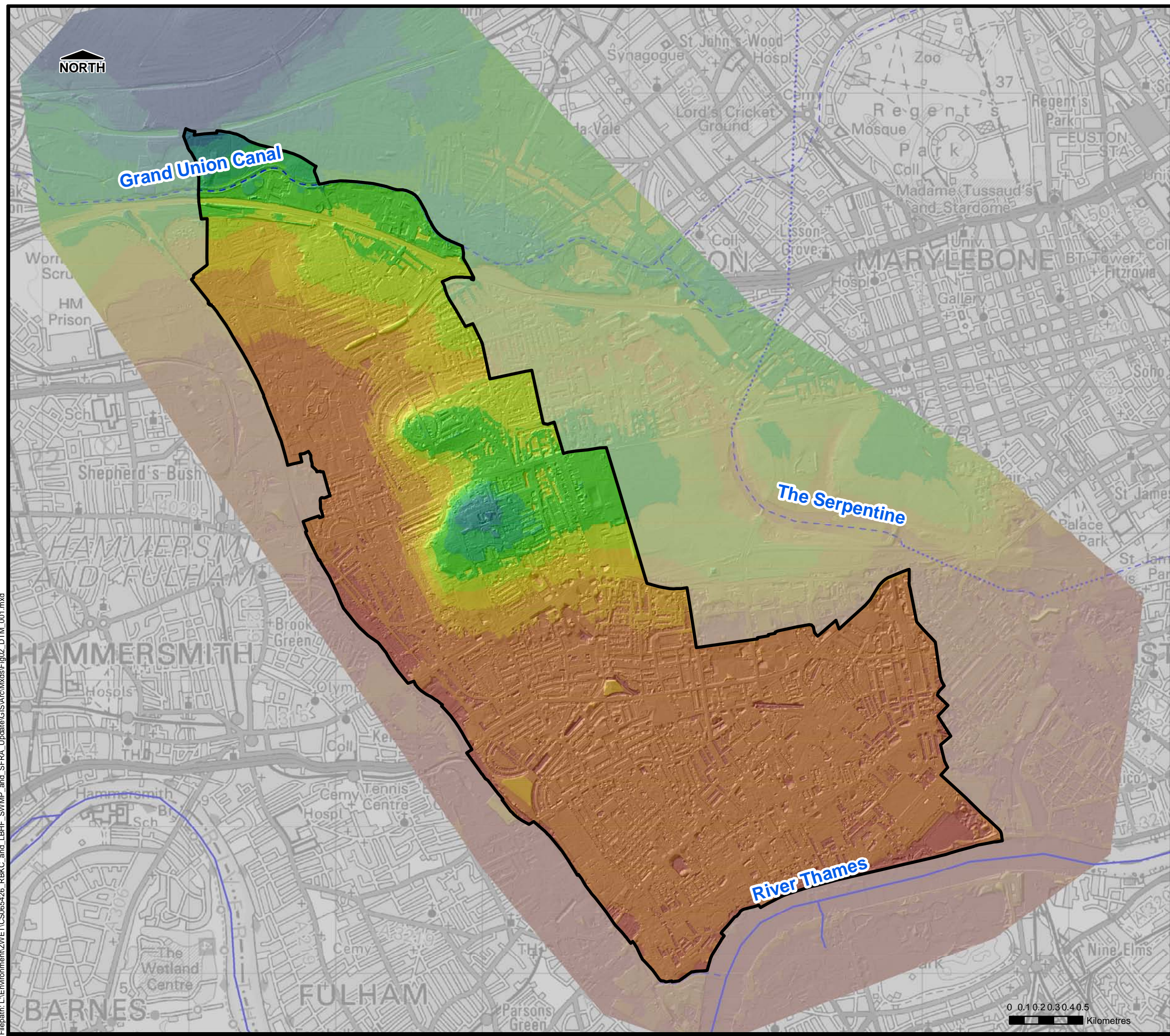


FIGURE 1

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Legend

- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse

Terrain Height (m)

	0 - 5		25 - 30
	5 - 10		30 - 35
	10 - 15		35 - 40
	15 - 20		40 - 45
	20 - 25		45 - 50

Notes

- Digital Terrain Model is based on filtered data and therefore excludes buildings and vegetation.

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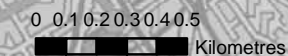
Digital Terrain Model Overview

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FIGURE 2

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NORTH

Legend

-  Administrative Boundary
-  Building/Structure
-  General Surface (Manmade)
-  General Surface (Natural)
-  Inland Water
-  Paths, Roads, Tracks or Rail; Path, Manmade
-  Unclassified, Land

Notes

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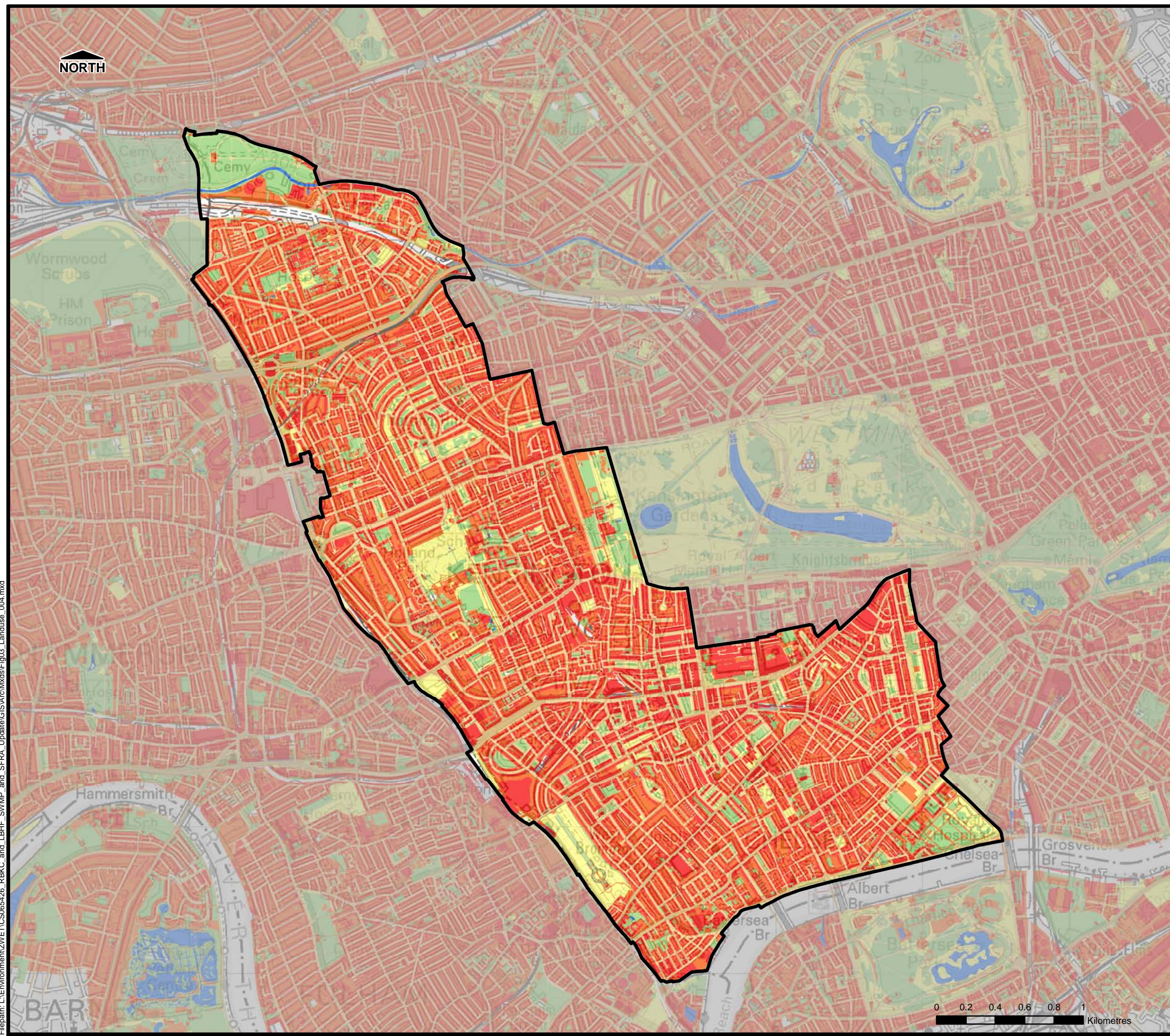
Land Use Areas Overview

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FIGURE 3







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THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED










Legend

-  Administrative Boundary
-  Main River
-  Ordinary Watercourse
-  Culverted Watercourse

Bedrock

-  London Clay Formation (LC-CLSS)

Superficial Deposits

-  Alluvium (ALV-CZPS)
-  Boyn Hill Gravel Member (BHT-XSV)
-  Hackney Gravel Member (HAGR-XSV)
-  Kempton Park Gravel Formation (KPGR-XSV)
-  Langley Silt Member (LASI-XCZ)
-  Lynch Hill Gravel Member (LHGR-XSV)
-  Taplow Gravel Formation (TPGR-XSV)

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Geological Map Overview

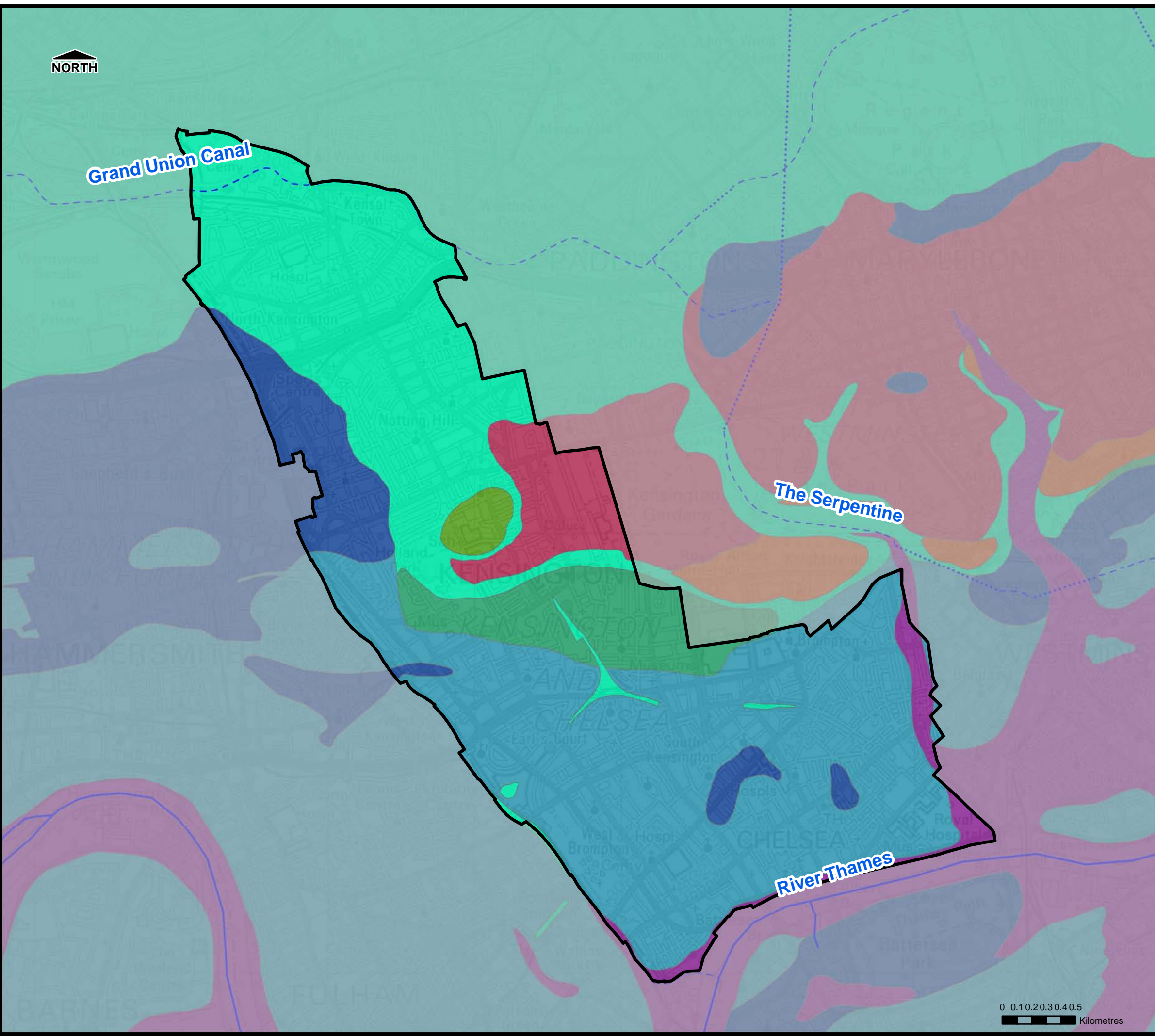
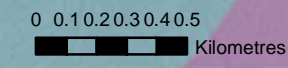
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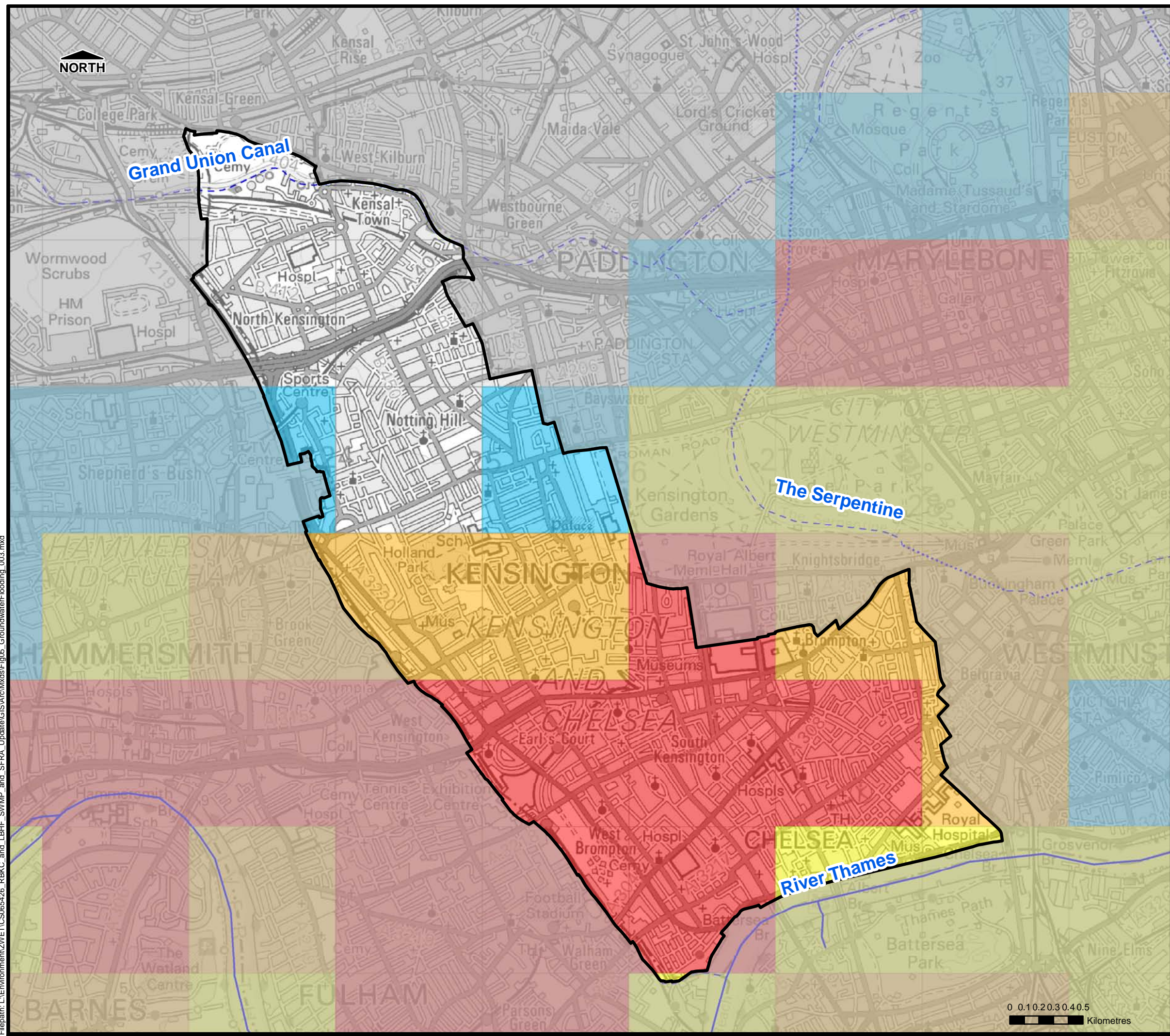


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FIGURE 4

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Legend

- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse

Susceptibility to Groundwater Flooding

- Very High $\geq 75\%$
- High; $\geq 50\% < 75\%$
- Moderate; $\geq 25\% < 50\%$
- Low; $< 25\%$

Notes

This 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. 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.

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Susceptibility to Groundwater Flooding Map with Reported Historic Incidents

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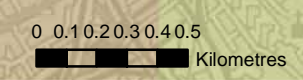
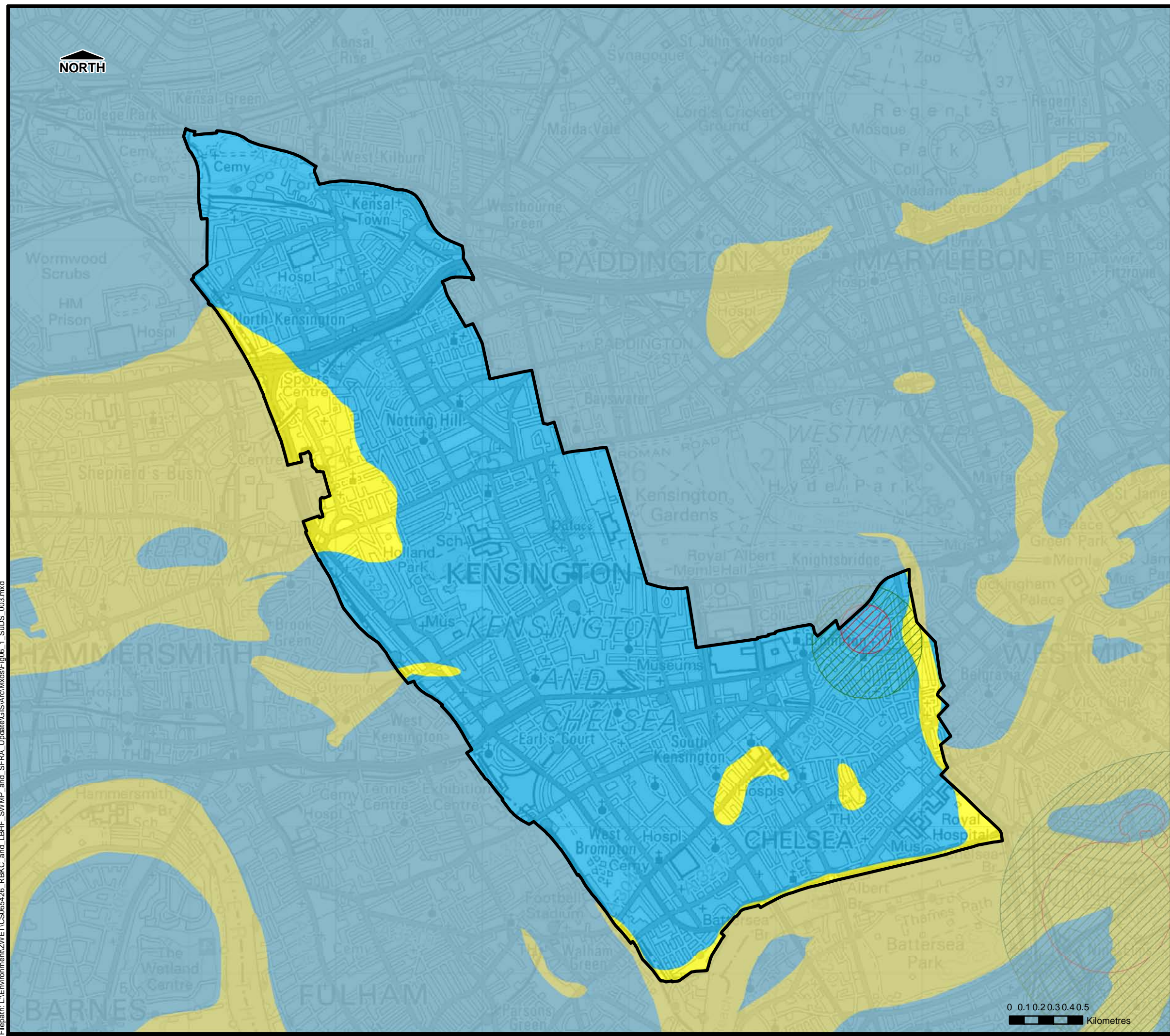







FIGURE 5

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Legend

-  Administrative Boundary
- EA Groundwater Source Protection Zone**
-  SPZ1 - Inner Protection Zone
-  SPZ2 - Outer Protection Zone
-  Infiltration SuDS Potentially Suitable
-  Infiltration SuDS Suitability Uncertain - Enhanced Site Investigation required

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Infiltration SuDS Suitability Map

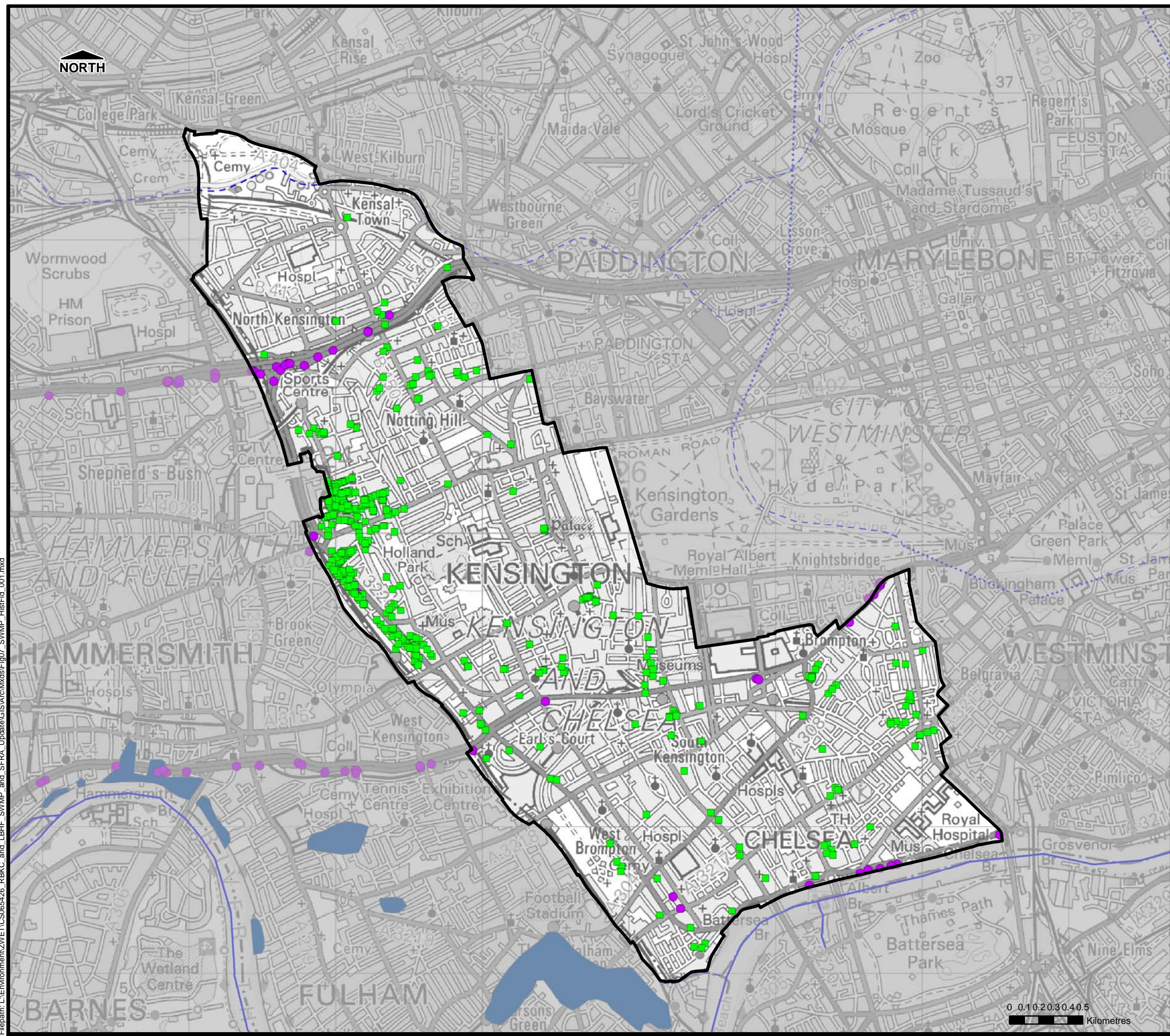
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FIGURE 6.1

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Legend

- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Flood Incidents (RBKC)
- Flood Incidents (Transport For London)
- Historic Flood Event (1928)

Notes

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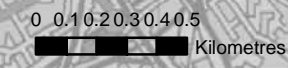
Historical Flooding Overview

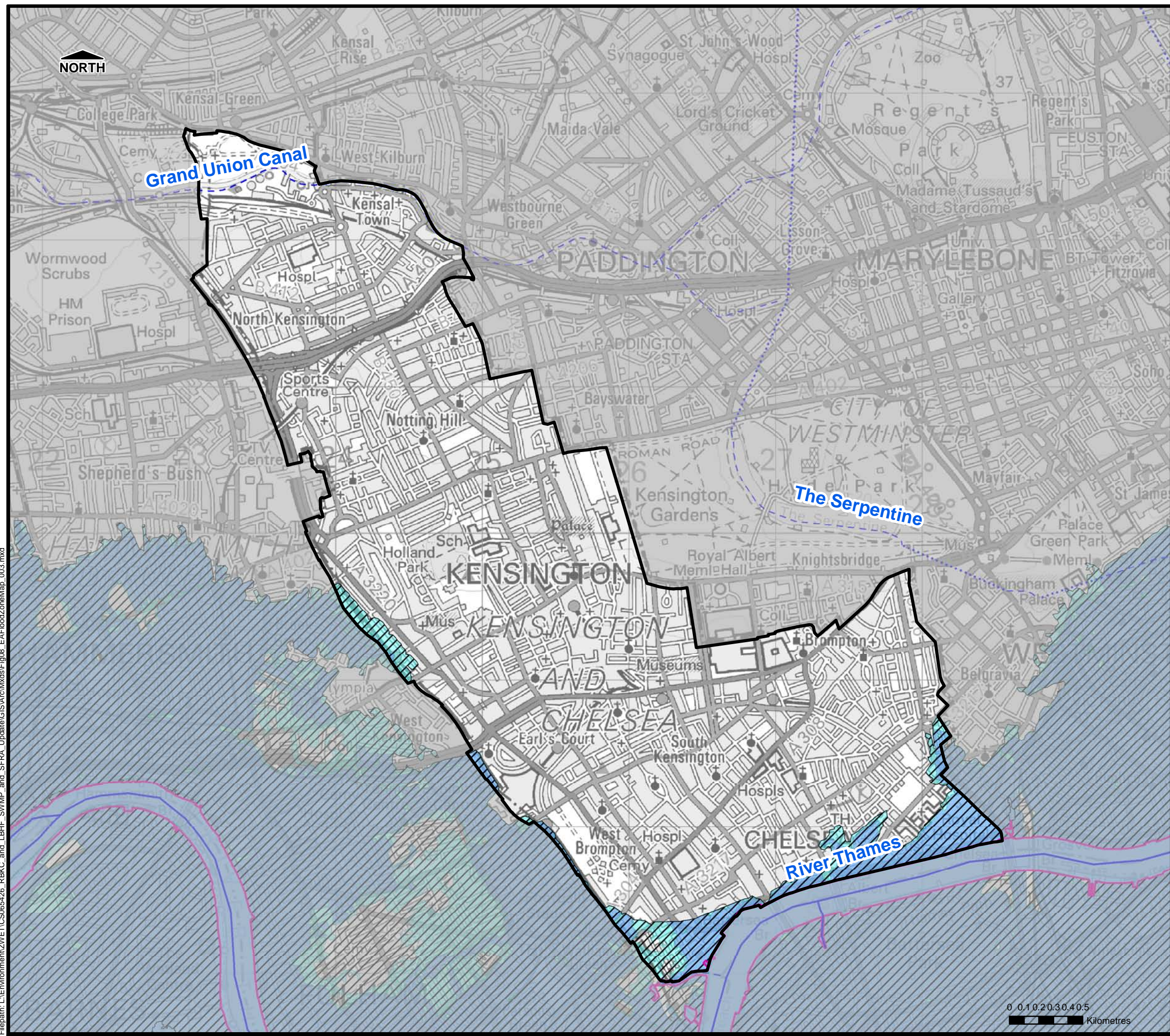
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FIGURE 7

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Legend

- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Defences
- Areas Benefiting from Defences
- Environment Agency Flood Zone 3
- Environment Agency Flood Zone 2

- Notes**
1. Environment Agency Flood Zone 3: Land assessed, ignoring the presence of flood defences, as having a 1% or greater annual probability of fluvial flooding or a 0.5% or greater annual probability of tidal flooding.
 2. Environment Agency Flood Zone 2: Land assessed, ignoring the presence of flood defences, as having between a 1% and 0.1% annual probability of fluvial flooding or between a 0.5% and 0.1% annual probability of tidal flooding in any year.
 3. Environment Agency - Areas that benefit from flood defences: land that may benefit from the presence of major defences during a 1% fluvial or 0.5% tidal event. These are areas that would flood if the defence were not present, but may not flood because the defence is present. Areas benefiting from flood storage areas may be remote from the flood defence structure.
 4. Environment Agency Flood Defences: The map displays the location of linear raised flood defences such as embankments & walls

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Environment Agency Flood Zones Overview (Fluvial and Tidal River Flooding)

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FIGURE 8

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