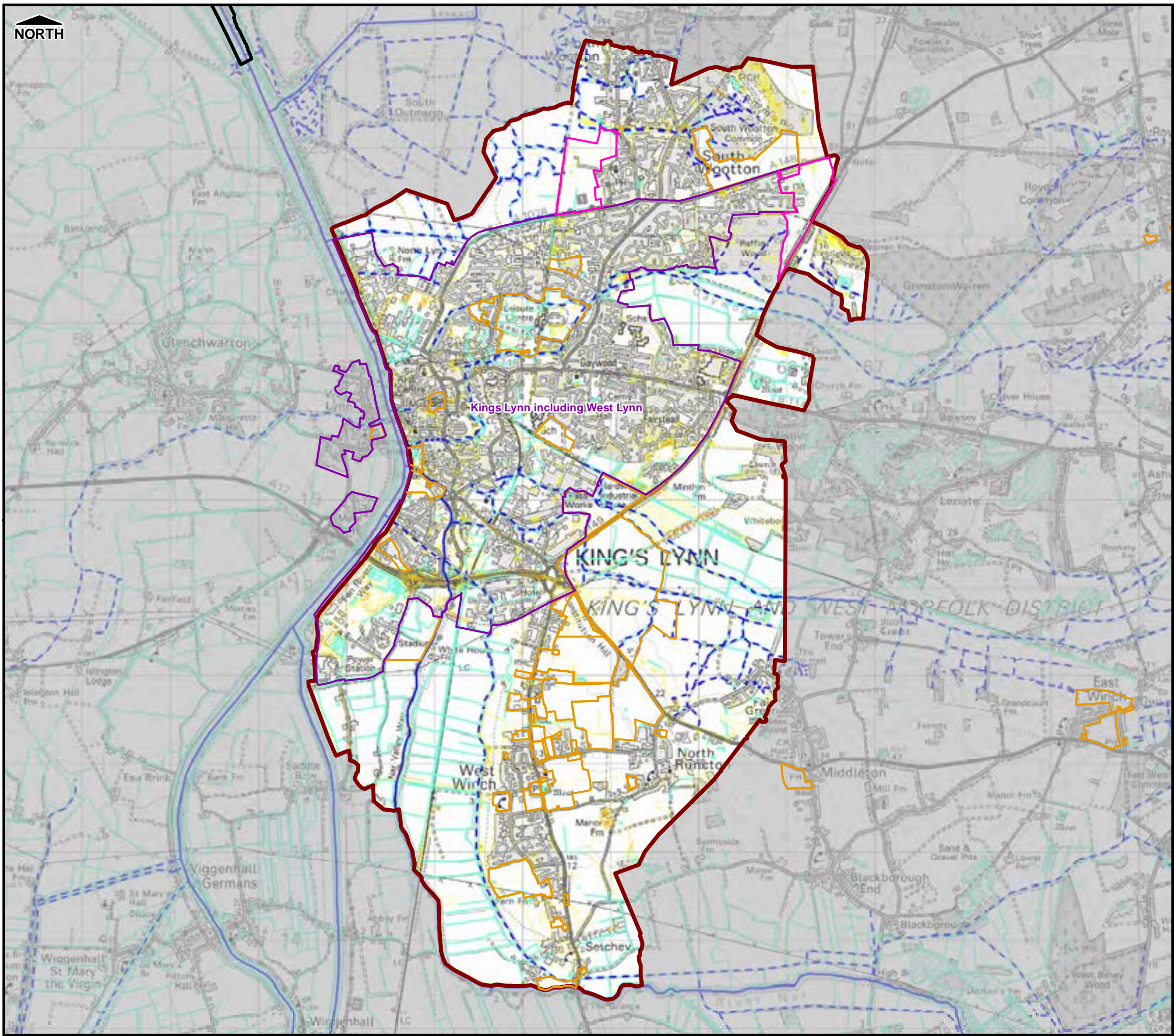


Filepath: E:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig11.5.2\_Hazard\_200.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Flood Hazard Rating

- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(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. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

## Borough Council of King's Lynn & West Norfolk



### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:45,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

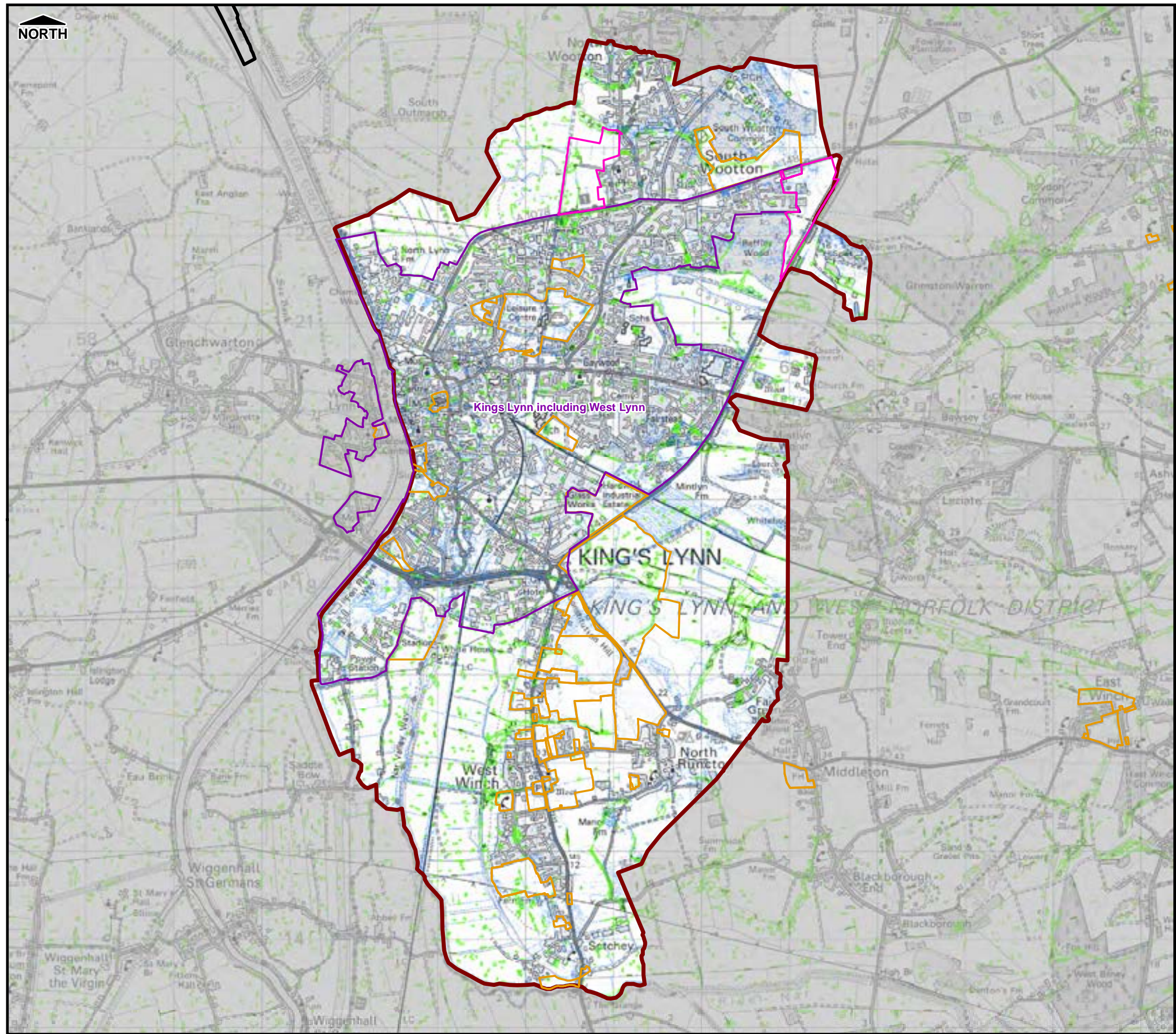
**Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 200 Chance of Rainfall Event Occurring  
In Any Given Year (0.5% AEP)  
King's Lynn Model**

Consultant	
<b>CAPITA SYMONDS</b> Flood Risk Management	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU

**Figure 11.5.2**



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig11.6.1\_EAFMISW\_30.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

#### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- EA Flood Map for Surface Water 1 in 30 year (Deep)
- EA Flood Map for Surface Water 1 in 30 year (Shallow)
- Modelled Results 1 in 30 year

#### 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.

### Borough Council of King's Lynn & West Norfolk



### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:45,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

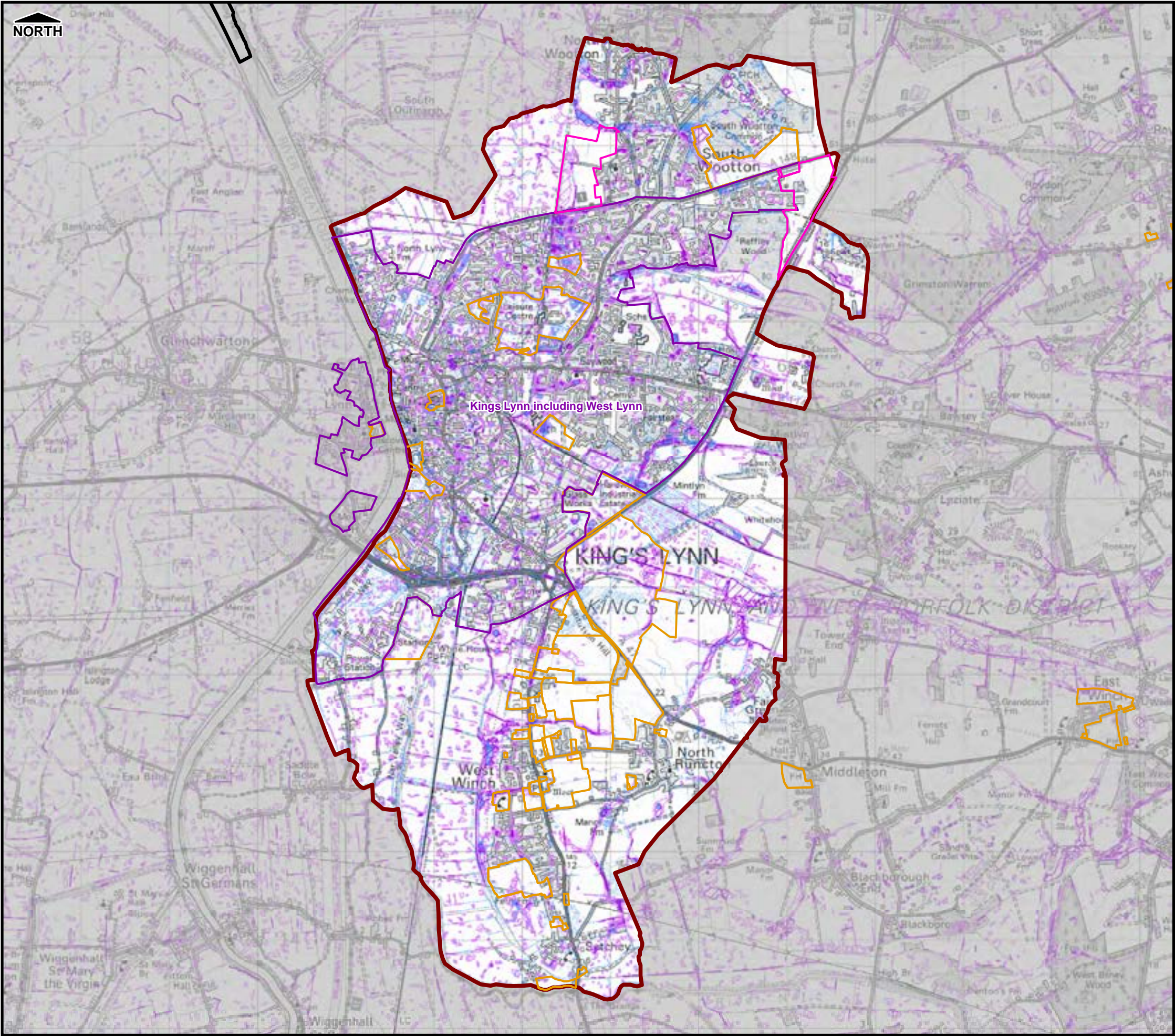
### 1 in 30 year Probability Event Comparison of Environment Agency Flood Map for Surface Water against Kings Lynn Modelled results Overview

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 11.6.1



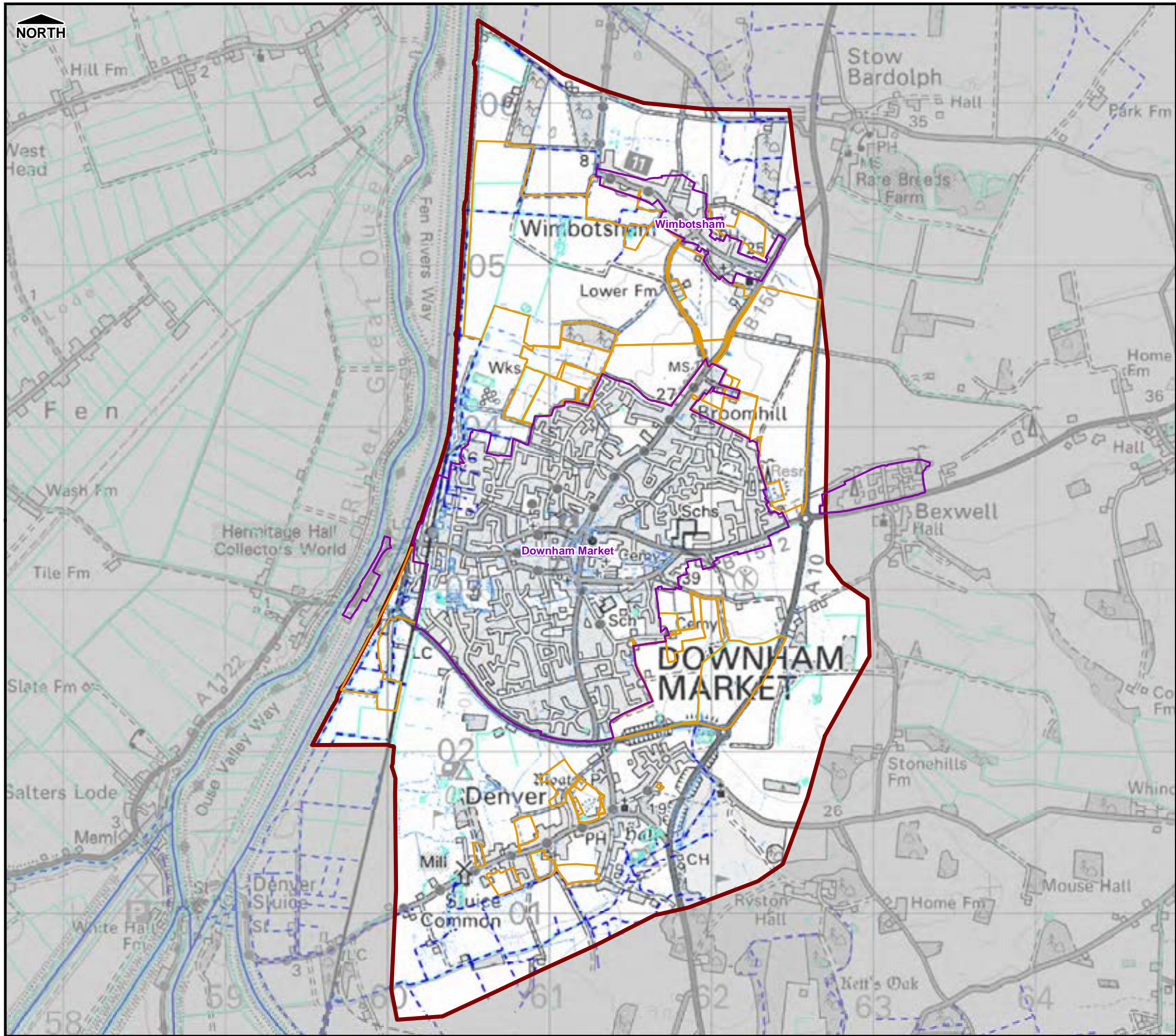
Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARCMxds\SWMP\_Fig11.6.2\_EAFMISW\_200.mxd



0 0.25 0.5 1 1.5 2  
Kilometres



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig12.1.1\_Depth\_30.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Surface Water Flood Depth (m)

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

### Notes

- 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.

## Borough Council of King's Lynn & West Norfolk



### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:24,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

### Surface Water/Ordinary Watercourse Flooding 1 in 30 Chance of Rainfall Event Occurring In Any Given Year (3.33% AEP) Downham Market Model

### Consultant

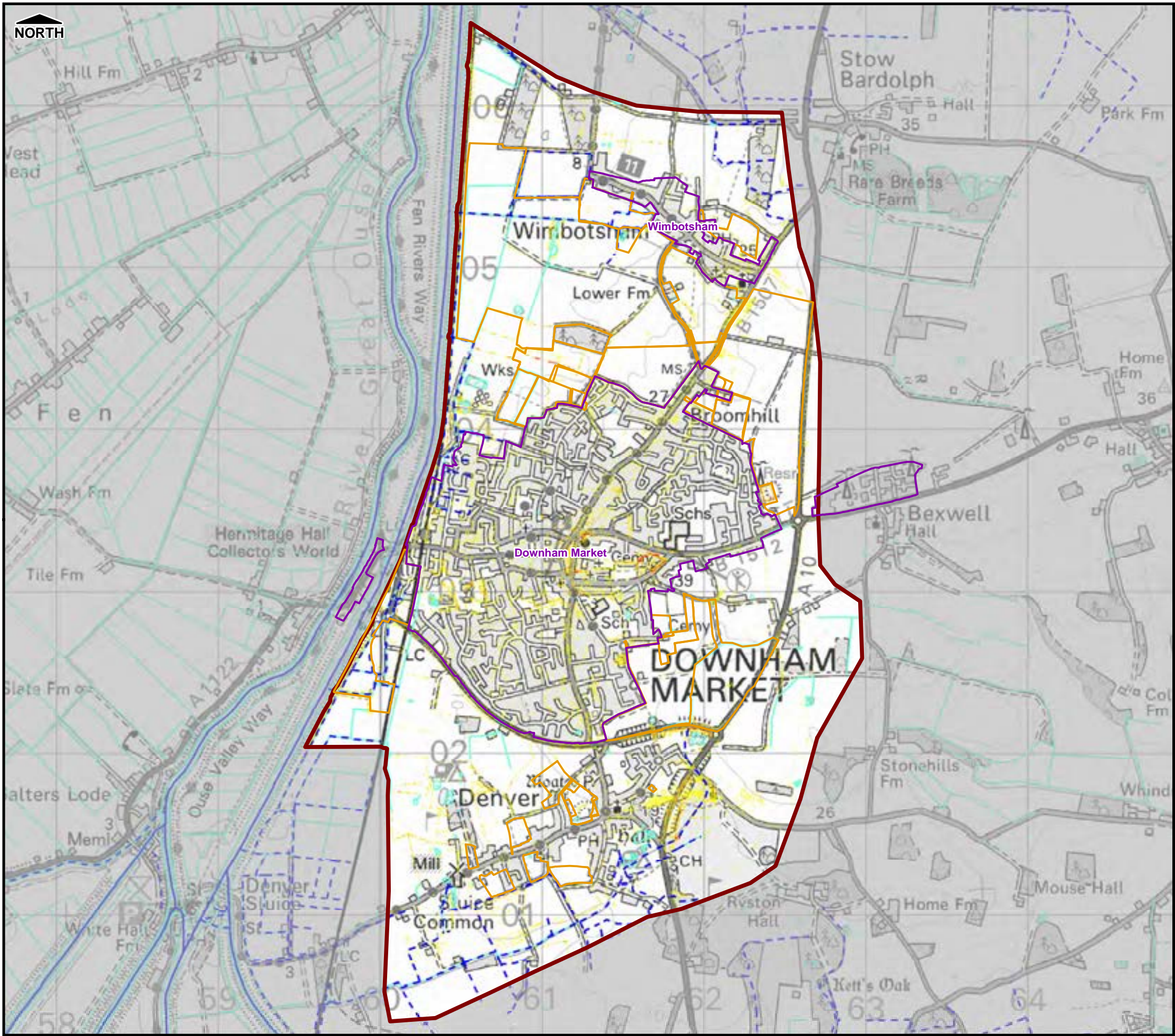
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

Figure 12.1.1



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig12.1.2\_Hazard\_30.mxd



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THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
  - Administrative Boundary
  - Main River
  - Ordinary Watercourse
  - Culverted Watercourse
  - Assessed Settlements
  - Proposed Sites
  - Strategic Growth
  - Permanent Water Bodies
- Flood Hazard Rating
- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

### Notes

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

## Borough Council of King's Lynn & West Norfolk



### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:24,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

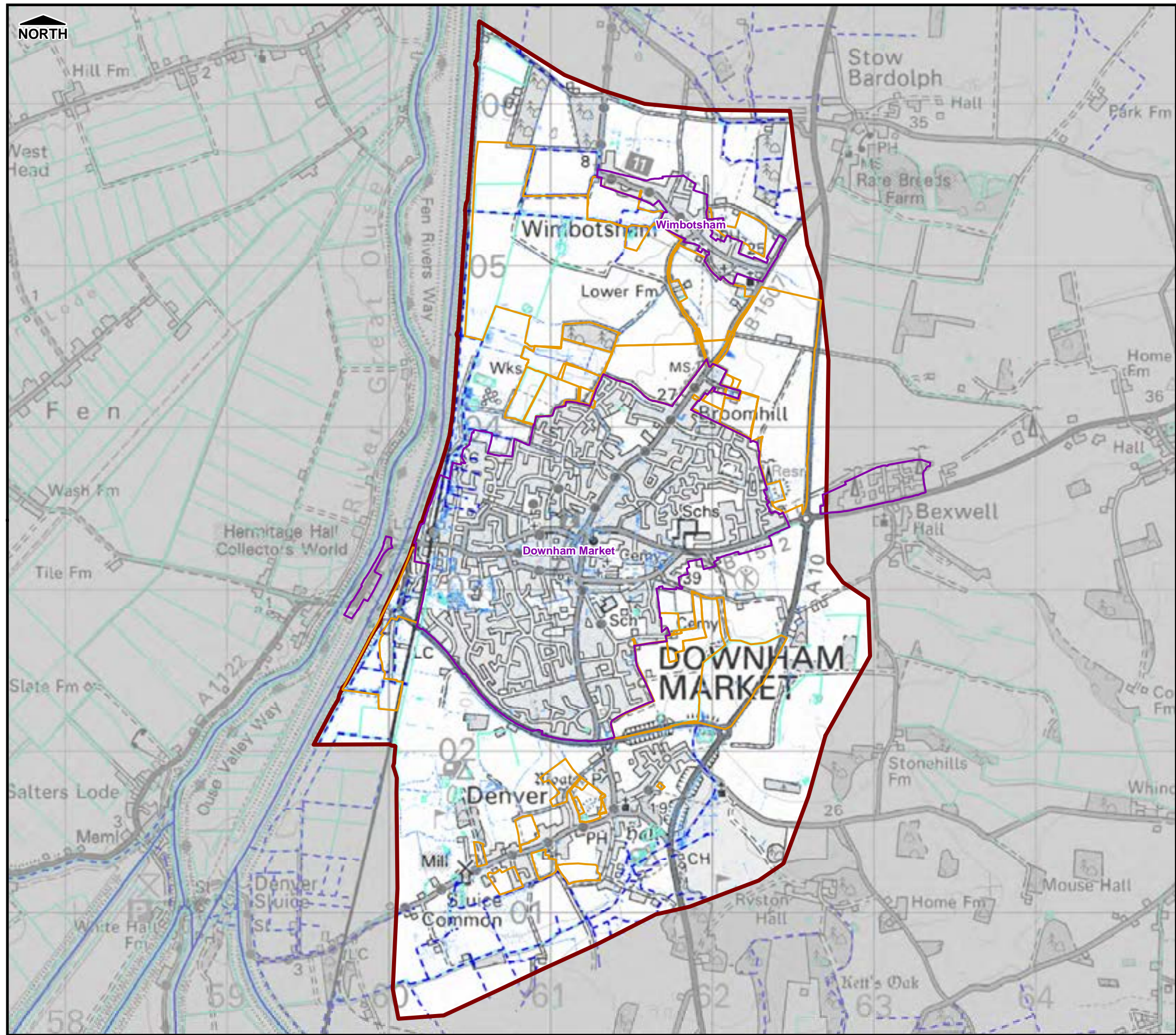
### Surface Water/Ordinary Watercourse Hazard Rating 1 in 30 Chance of Rainfall Event Occurring In Any Given Year (3.33% AEP) Downham Market Model

Consultant	
<b>CAPITA SYMONDS</b> Flood Risk Management	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU

Figure 12.1.2



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARCMap\SWMP\_Fig12.2.1\_Depth\_75.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Surface Water Flood Depth (m)

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

## Borough Council of King's Lynn & West Norfolk



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Scale at A3	Date	Drawn by	Approved by
1:24,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

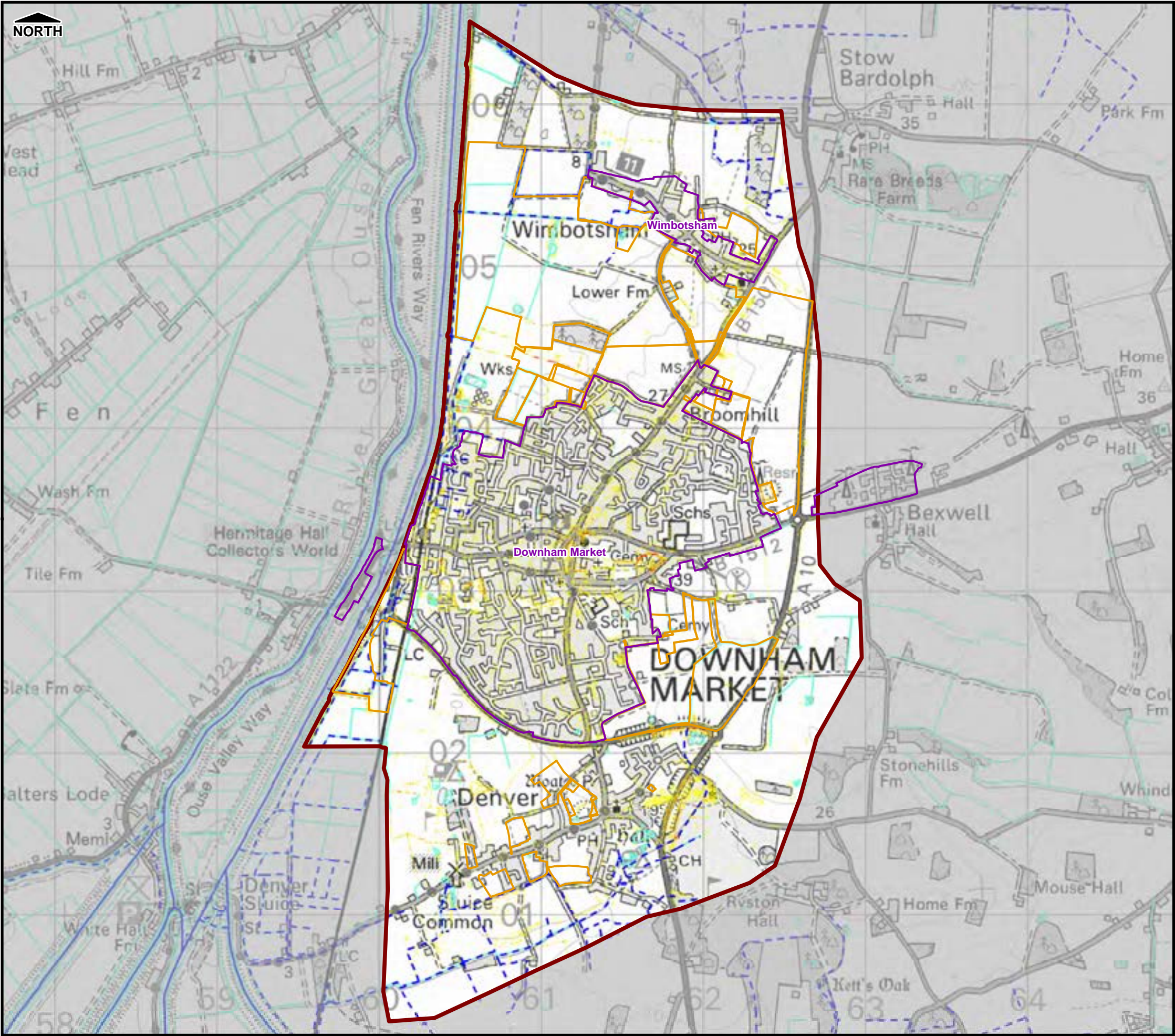
### Surface Water/Ordinary Watercourse Flooding 1 in 75 Chance of Rainfall Event Occurring In Any Given Year (1.33% AEP) Downham Market Model

Consultant	
<b>CAPITA SYMONDS</b> Flood Risk Management	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU

Figure 12.2.1



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig12.2.2\_Hazard\_75.mxd



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**Legend**

Hydraulic Model Boundary

Administrative Boundary

Main River

Ordinary Watercourse

Culverted Watercourse

Assessed Settlements

Proposed Sites

Strategic Growth

Permanent Water Bodies

Flood Hazard Rating

Caution  
(Very Low Hazard)

Moderate  
(Danger for Some)

Significant  
(Danger for Most)

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. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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Scale at A3	Date	Drawn by	Approved by
1:24,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

**Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 75 Chance of Rainfall Event Occurring  
In Any Given Year (1.33% AEP)  
Downham Market Model**

Consultant

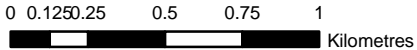
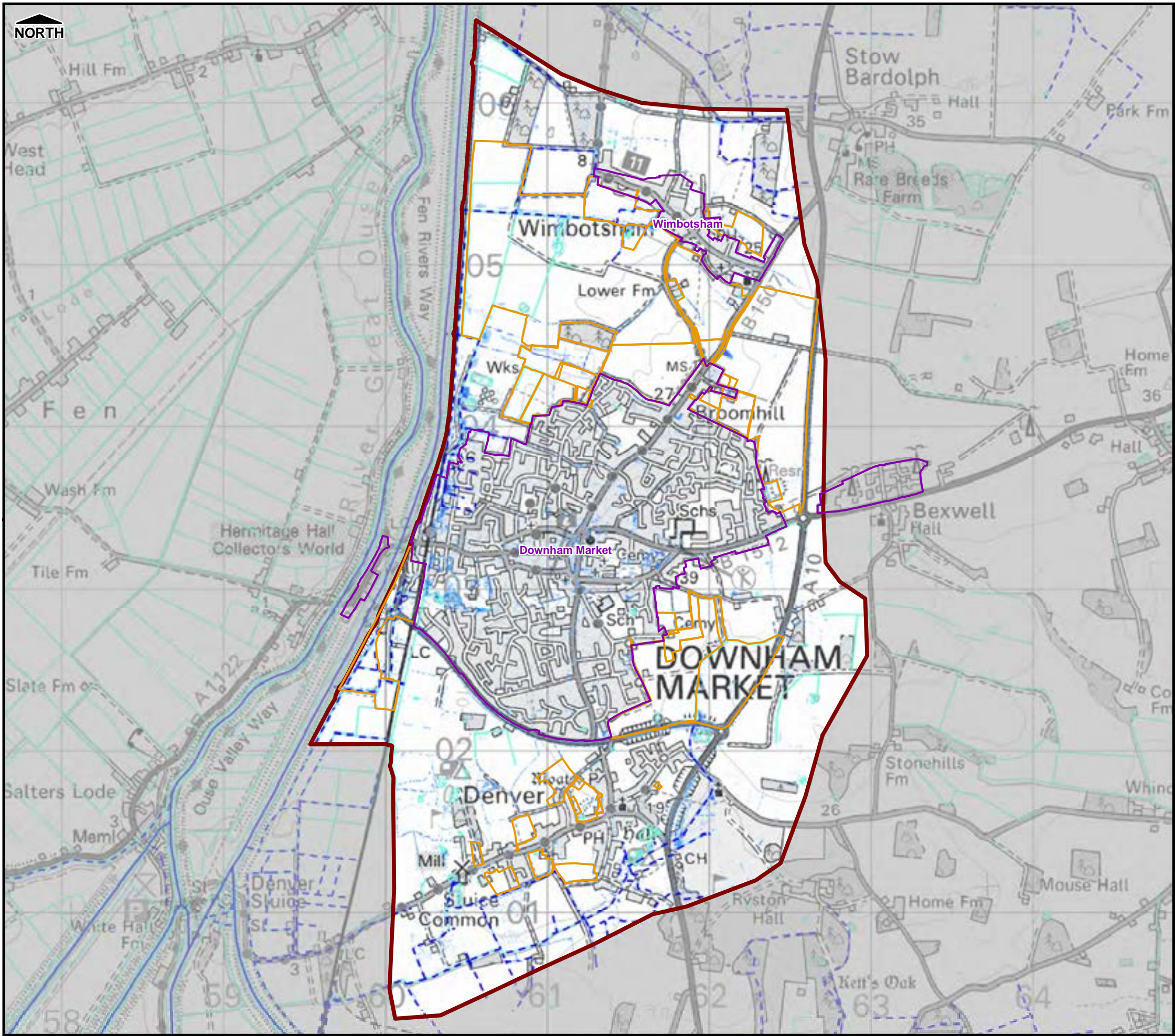
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

**Figure 12.2.2**



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARCMap\SWMP\_Fig12.3.1\_Depth\_100.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

Surface Water Flood Depth (m)

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

Borough Council of King's Lynn & West Norfolk



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1:24,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

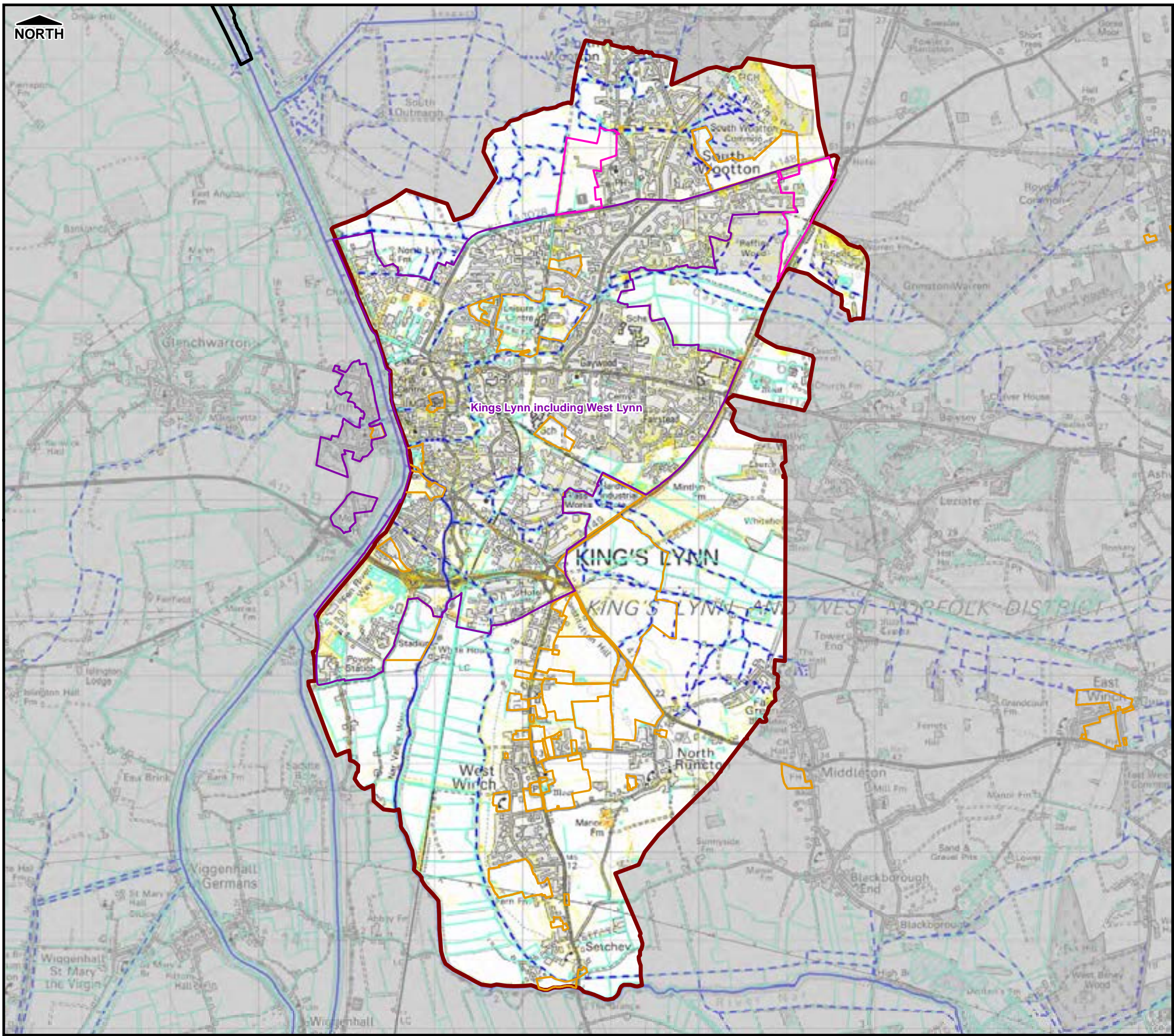
Surface Water/Ordinary Watercourse Flooding  
1 in 100 Chance of Rainfall Event Occurring  
In Any Given Year (1% AEP)  
Downham Market Model

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 12.3.1



Filepath: E:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig11.3.2\_Hazard\_100.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

Hydraulic Model Boundary

Administrative Boundary

Main River

Ordinary Watercourse

Culverted Watercourse

Assessed Settlements

Proposed Sites

Strategic Growth

Permanent Water Bodies

Flood Hazard Rating

Caution  
(Very Low Hazard)

Moderate  
(Danger for Some)

Significant  
(Danger for Most)

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. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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Scale at A3	Date	Drawn by	Approved by
1:45,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

**Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 100 Chance of Rainfall Event Occurring  
In Any Given Year (1% AEP)  
King's Lynn Model**

Consultant

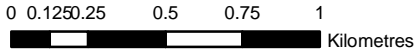
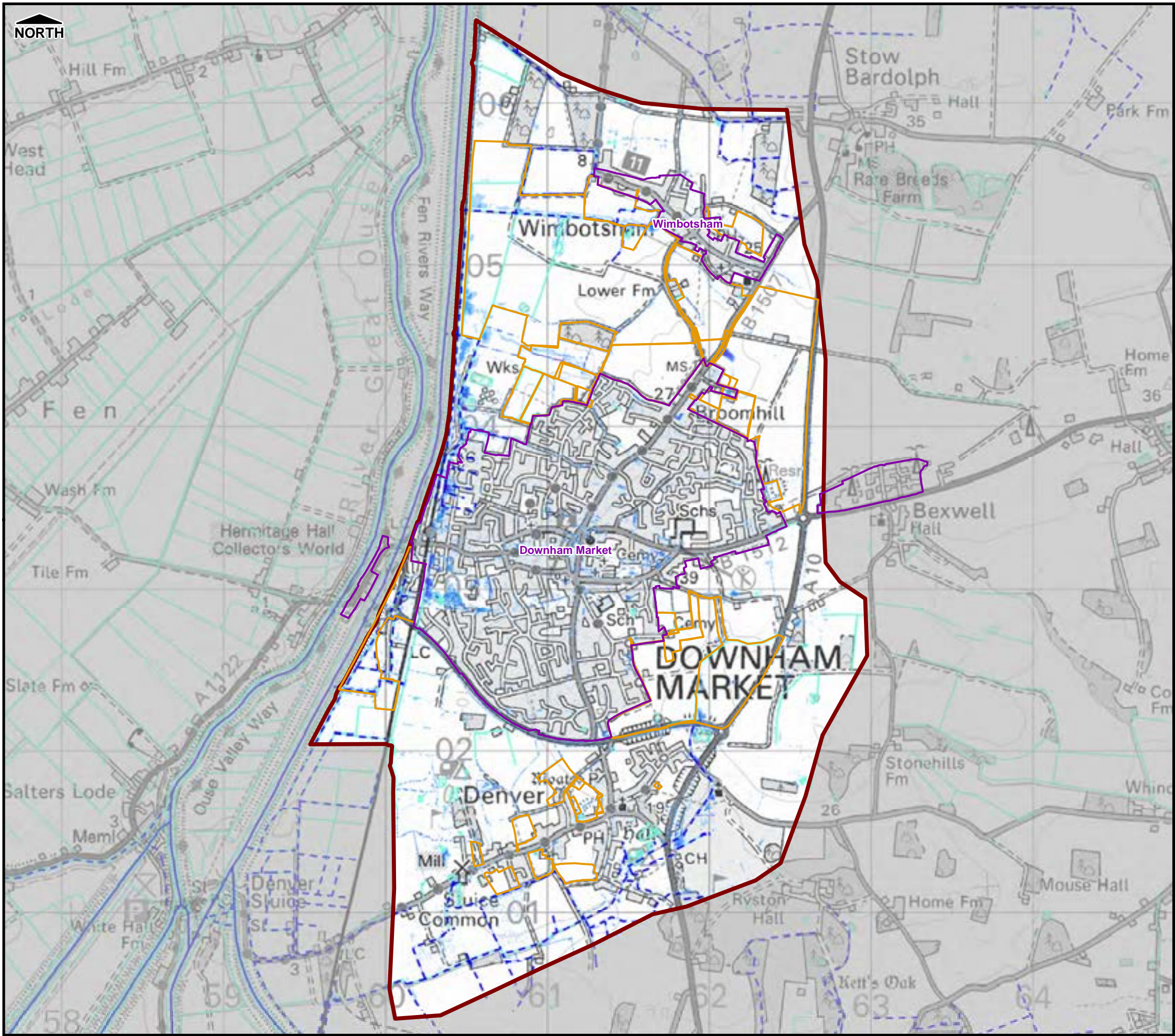
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

**Figure 1&3.2**



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THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

**Surface Water Flood Depth (m)**

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

**Borough Council of King's Lynn  
& West Norfolk**



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Scale at A3	Date	Drawn by	Approved by
1:24,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

**Surface Water/Ordinary Watercourse Flooding  
1 in 100 Chance of Rainfall Event Occurring  
In Any Given Year Climate Change (1% AEP)  
Downham Market Model**

**Consultant**

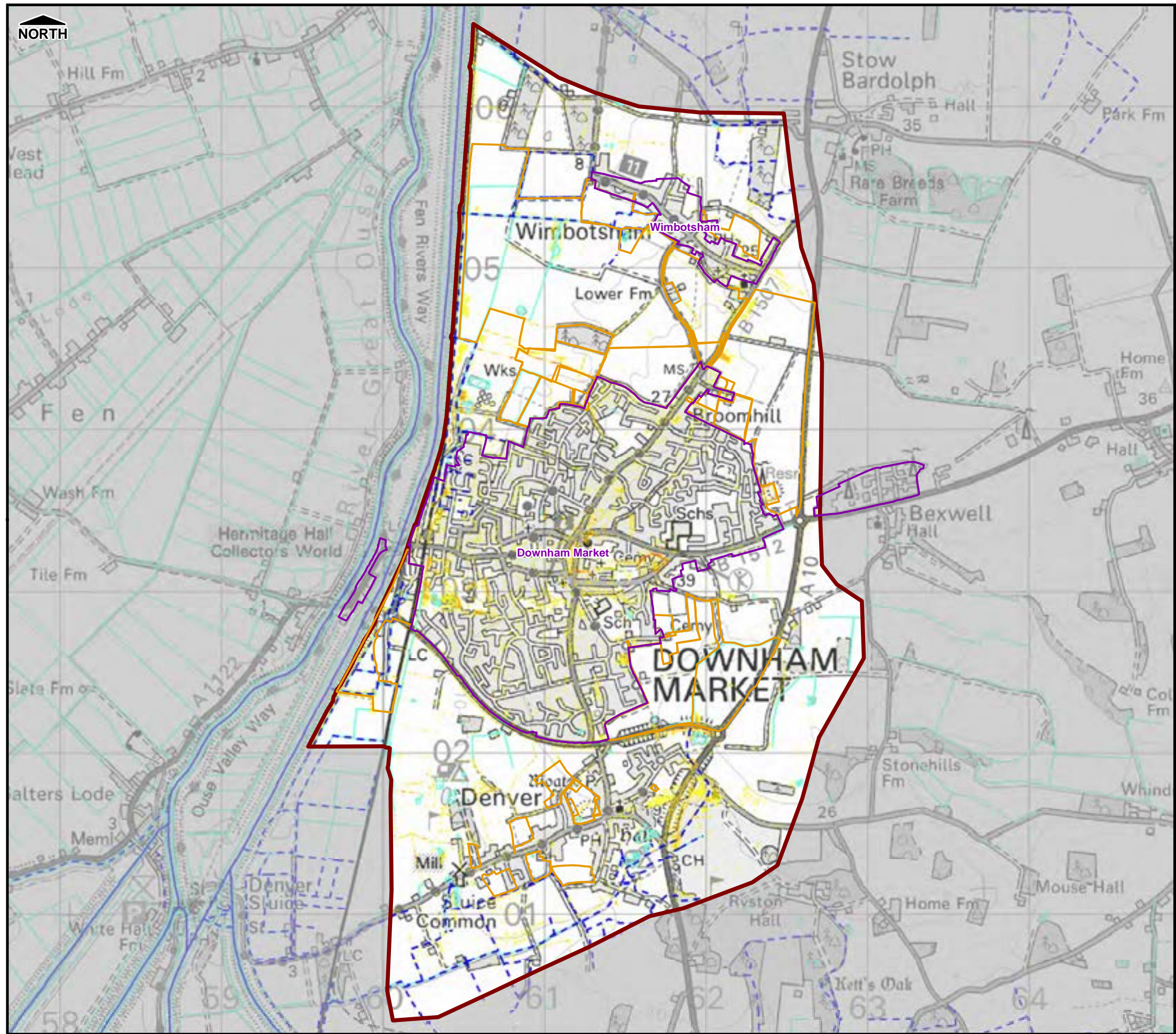
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

**Figure 12.4.1**



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THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
  - Administrative Boundary
  - Main River
  - Ordinary Watercourse
  - Culverted Watercourse
  - Assessed Settlements
  - Proposed Sites
  - Strategic Growth
  - Permanent Water Bodies
- Flood Hazard Rating
- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

### Notes

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

## Borough Council of King's Lynn & West Norfolk



### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:24,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

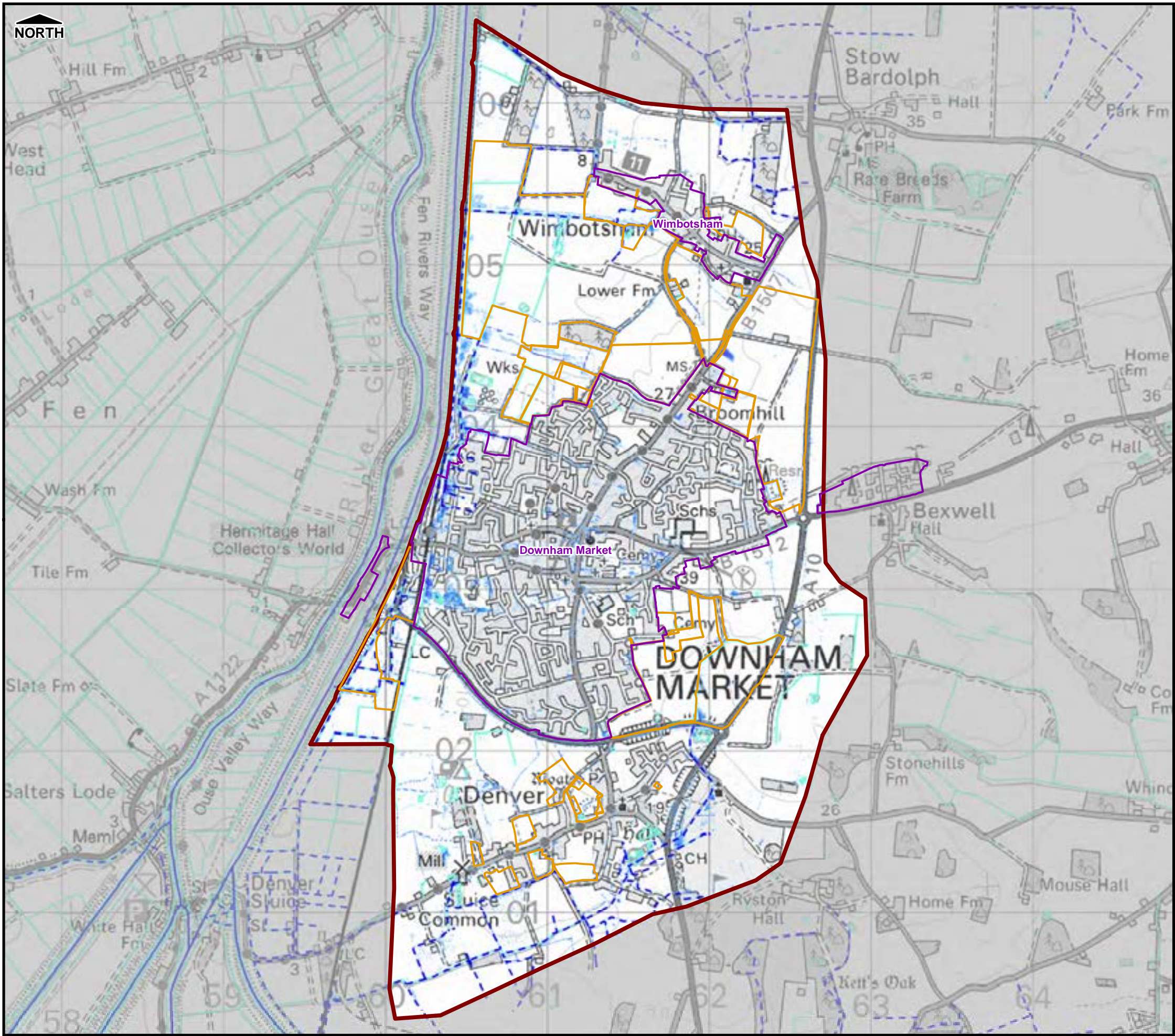
### Surface Water/Ordinary Watercourse Hazard Rating 1 in 100 Chance of Rainfall Event Occurring In Any Given Year Climate Change (1% AEP) Downham Market Model

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

Figure 12.4.2



F:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig12.5.1\_Depth\_200.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Surface Water Flood Depth (m)

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

### Notes

- 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.

## Borough Council of King's Lynn & West Norfolk



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Scale at A3	Date	Drawn by	Approved by
1:24,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

### Surface Water/Ordinary Watercourse Flooding 1 in 200 Chance of Rainfall Event Occurring In Any Given Year (0.5% AEP) Downham Market Model

### Consultant

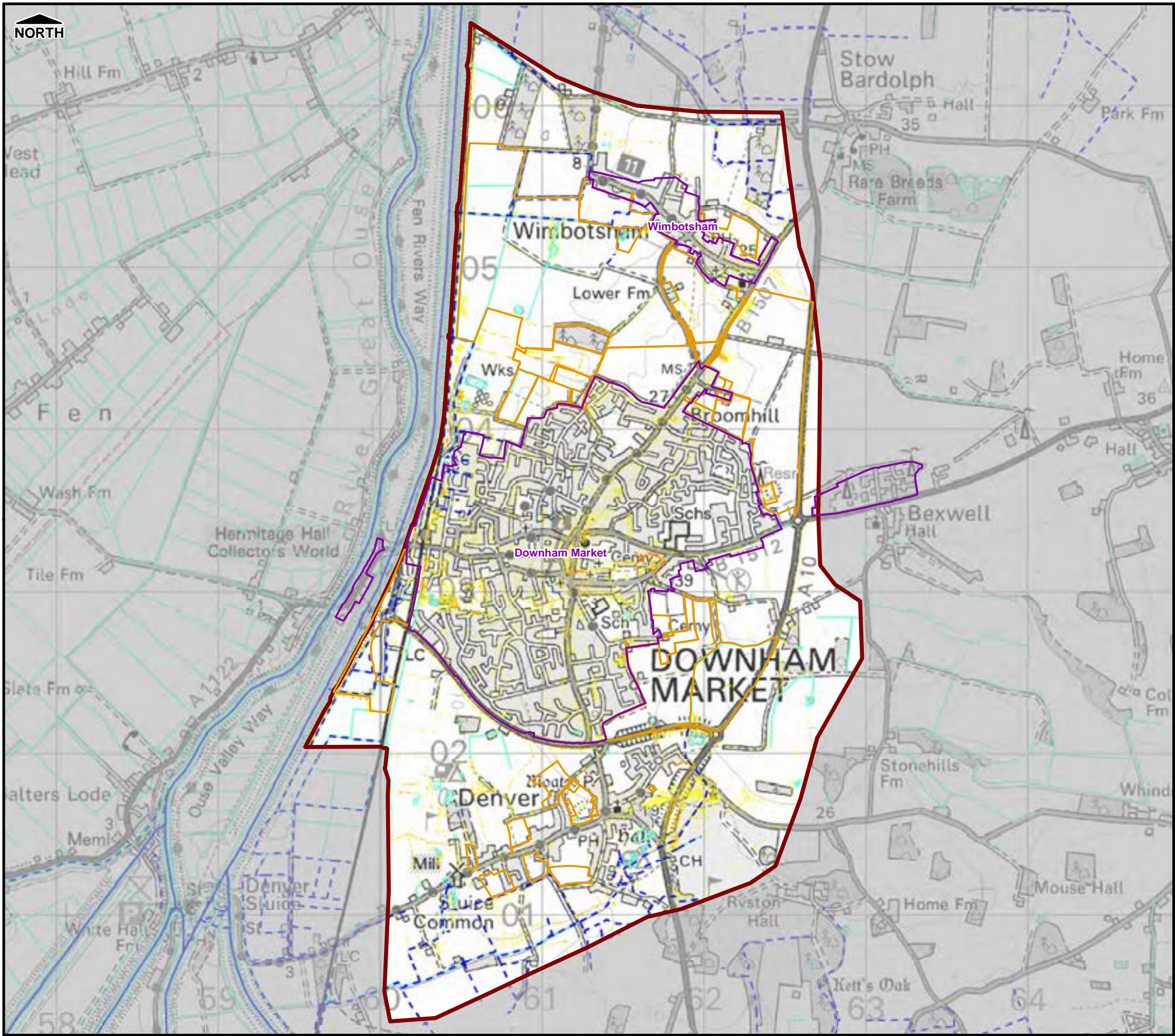
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

Figure 12.5.1



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARCMap\SWMP\_Fig12.5.2\_Hazard\_200.mxd



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### Legend

- Hydraulic Model Boundary
  - Administrative Boundary
  - Main River
  - Ordinary Watercourse
  - Culverted Watercourse
  - Assessed Settlements
  - Proposed Sites
  - Strategic Growth
  - Permanent Water Bodies
- Flood Hazard Rating
- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

### Notes

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

## Borough Council of King's Lynn & West Norfolk



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Scale at A3	Date	Drawn by	Approved by
1:24,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

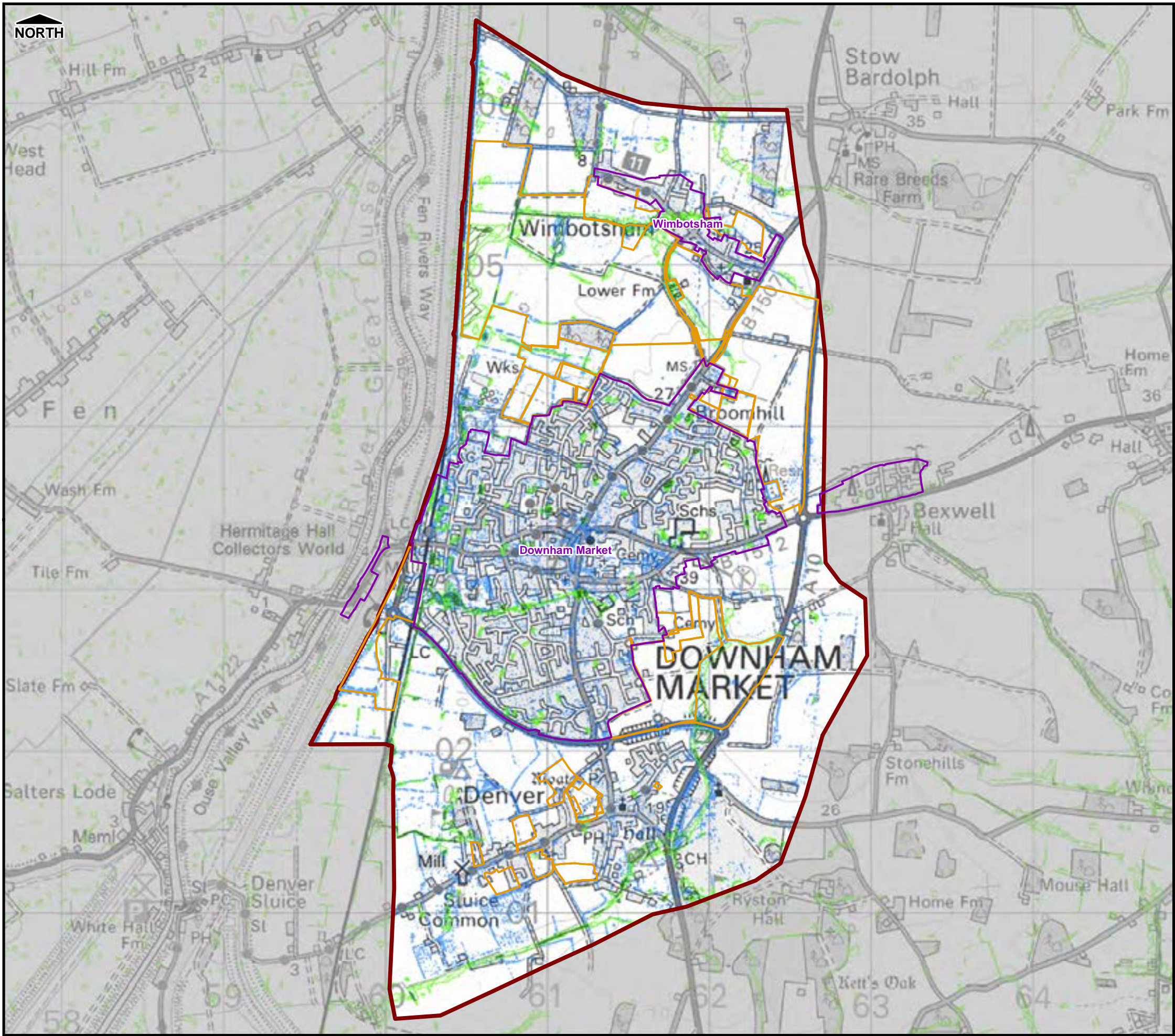
### Surface Water/Ordinary Watercourse Hazard Rating 1 in 200 Chance of Rainfall Event Occurring In Any Given Year (0.5% AEP) Downham Market Model

Consultant	
<b>CAPITA SYMONDS</b> Flood Risk Management	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU

Figure 12.5.2



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARCMap\Map\_Fig12.6.1\_EAFMISW\_30.mxd



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THE PURPOSE INTENDED

#### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- EA Flood Map for Surface Water  
1 in 30 year (Deep)
- EA Flood Map for Surface Water  
1 in 30 year (Shallow)
- Modelled results 1 in 30 year

#### Notes

- 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.

### Borough Council of King's Lynn & West Norfolk



### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:24,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

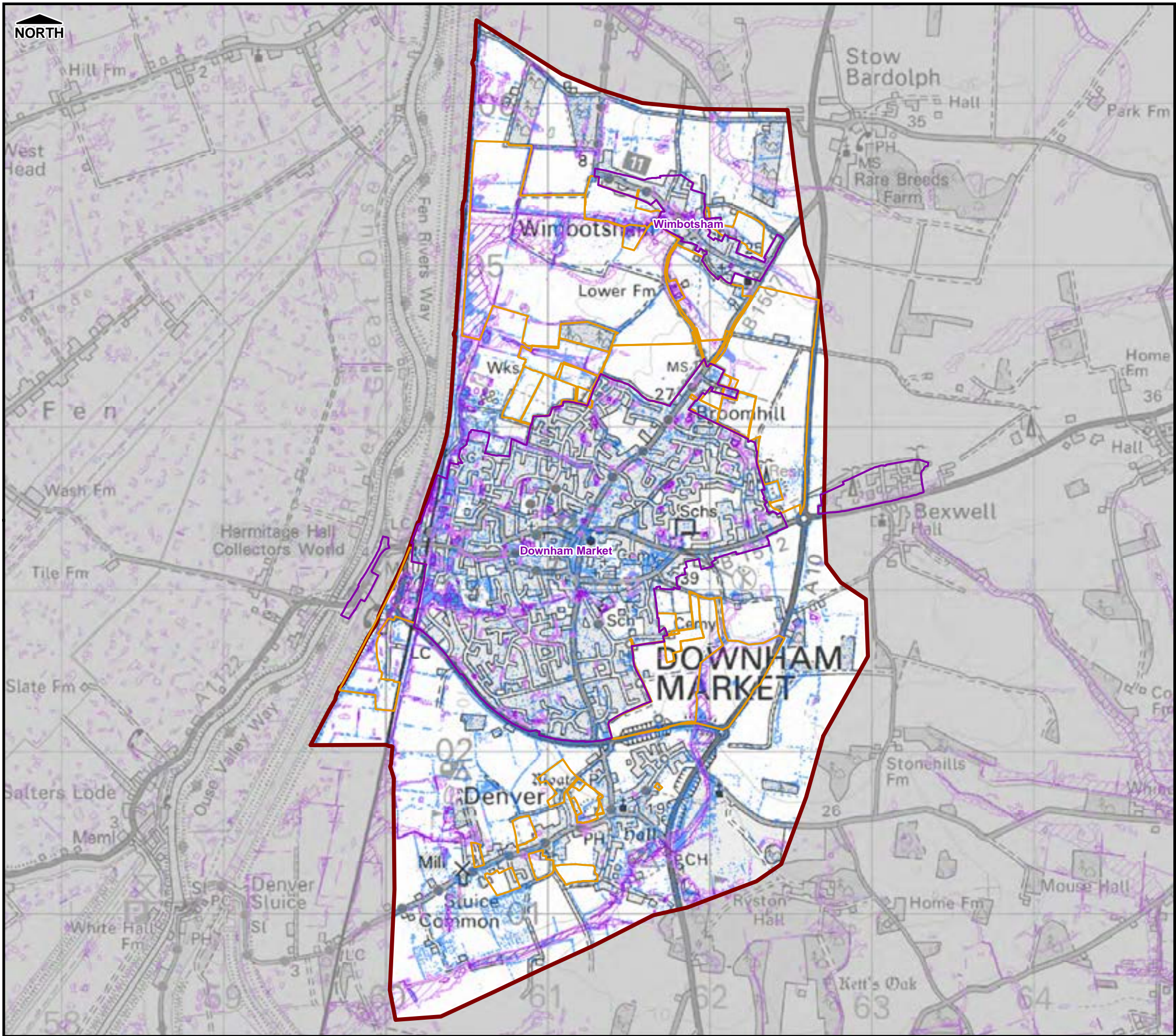
### 1 in 30 year Probability Event Comparison of Environment Agency Flood Map for Surface Water against Downham Market Modelled results Overview

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 12.6.1



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THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- EA Flood Map for Surface Water  
1 in 200 year (Deep)
- EA Flood Map for Surface Water  
1 in 200 year (Shallow)
- Modelled results 1 in 200 year

### Notes

- 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.

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### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:24,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

### 1 in 200 year Probability Event Comparison of Environment Agency Flood Map for Surface Water against Downham Market Modelled results Overview

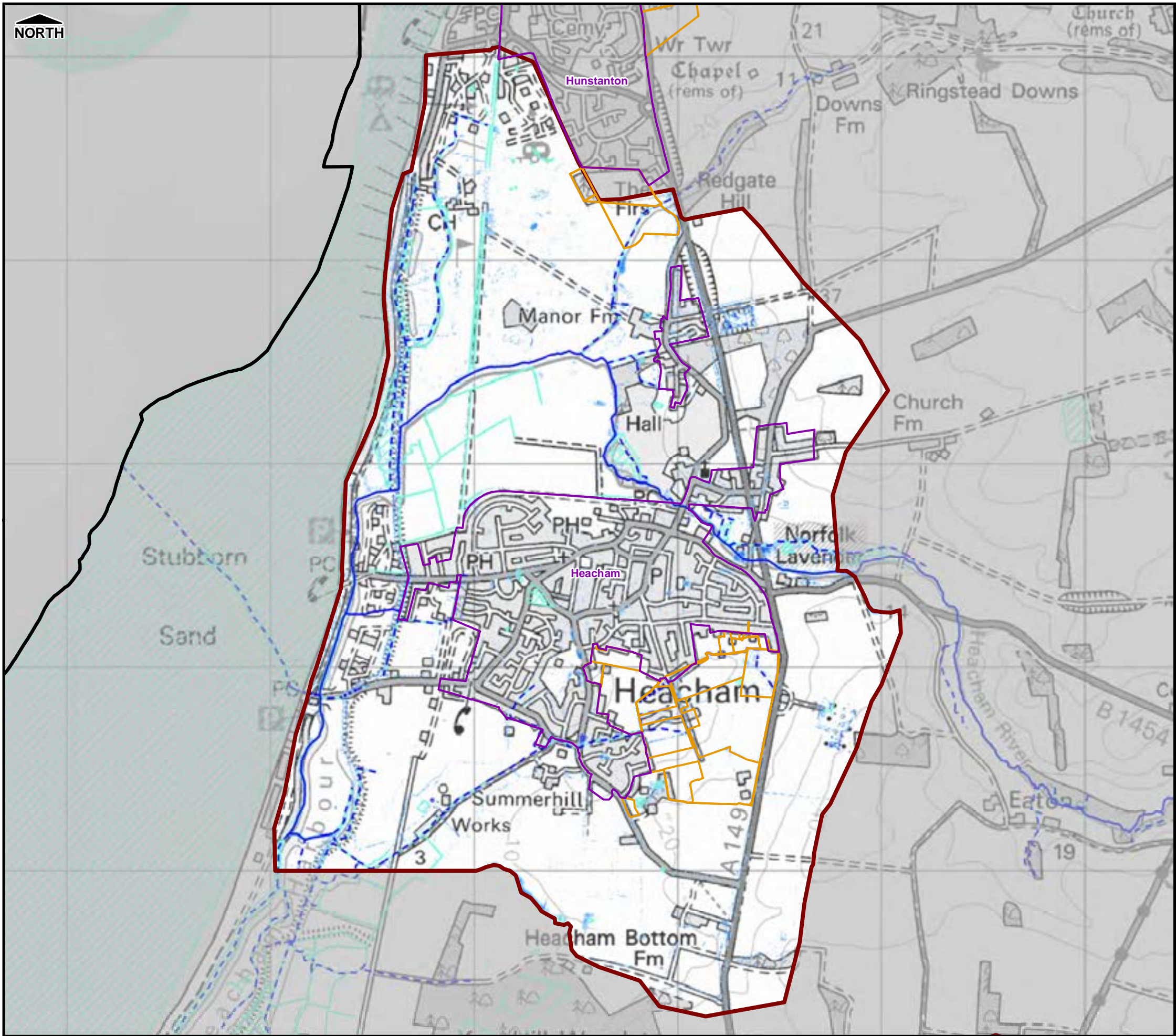
Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 12.6.2

0 0.1250.25 0.5 0.75 1  
Kilometres



Filepath: E:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig13.1.1\_Deeth\_30.mxd



0 0.125 0.25 0.5 0.75 1  
Kilometres

THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

**Surface Water Flood Depth (m)**

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

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**Surface Water Management Plan**

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Scale at A3	Date	Drawn by	Approved by
1:19,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

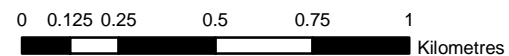
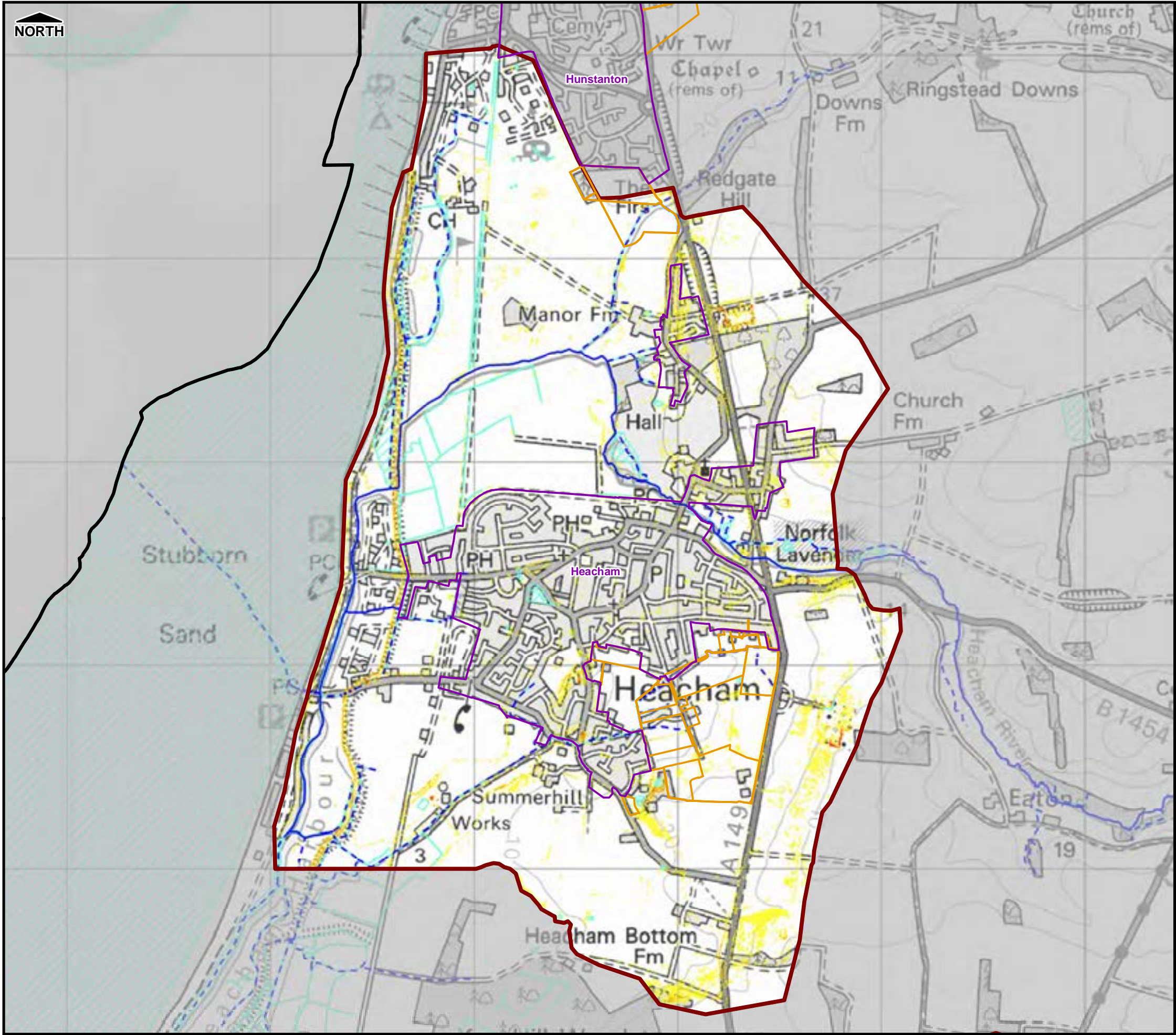
**Surface Water/Ordinary Watercourse Flooding  
1 in 30 Chance of Rainfall Event Occurring  
In Any Given Year (3.33% AEP)  
Heacham Model**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

**Figure 13.1.1**



Filepath: E:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig13.1.2\_Hazard\_30.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Hydraulic Model Boundary
  - Administrative Boundary
  - Main River
  - Ordinary Watercourse
  - Culverted Watercourse
  - Assessed Settlements
  - Proposed Sites
  - Strategic Growth
  - Permanent Water Bodies
- Flood Hazard Rating
- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

Notes

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
1:19,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

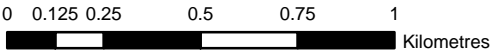
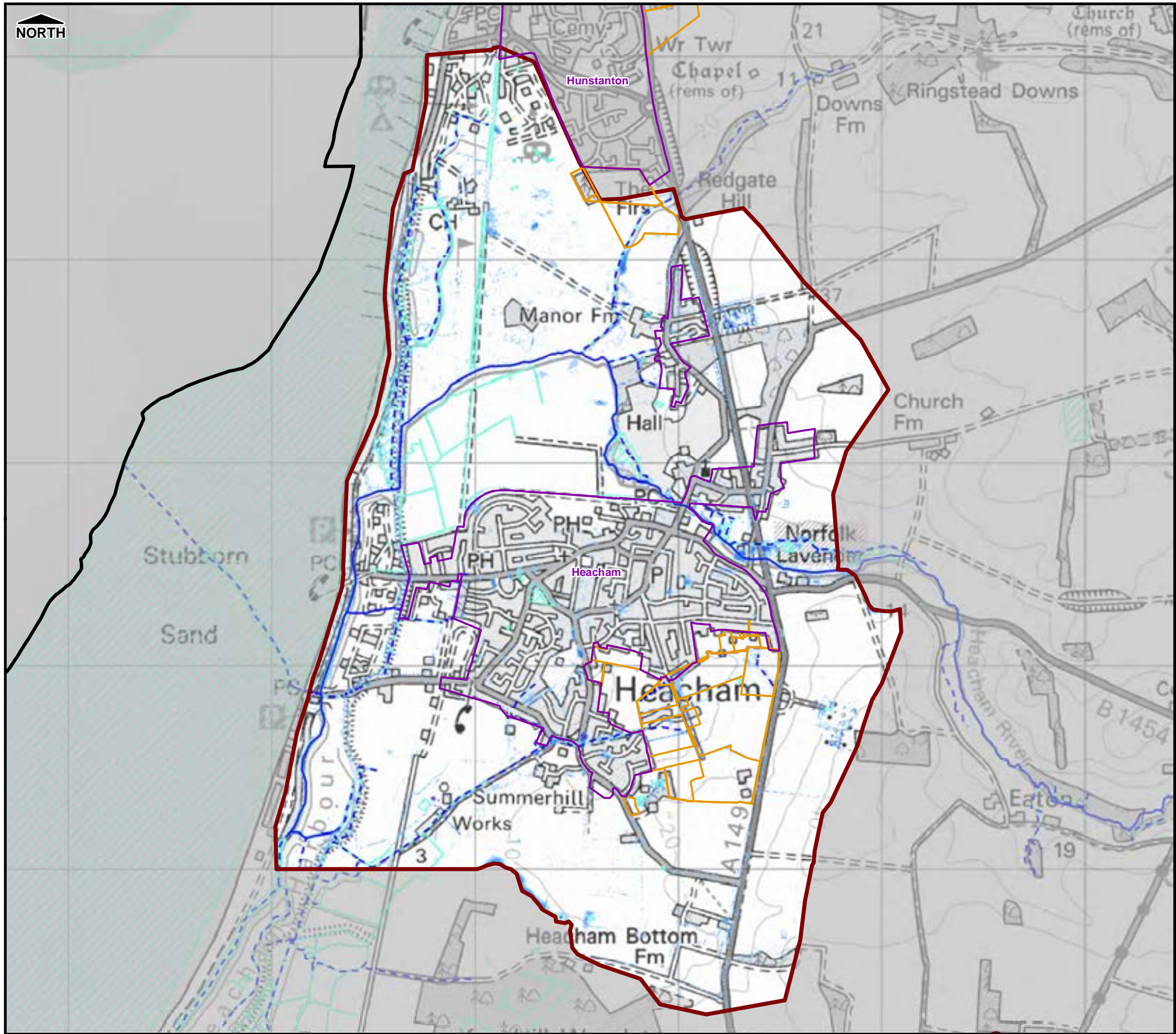
Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 30 Chance of Rainfall Event Occurring  
In Any Given Year (3.33% AEP)  
Heacham Model

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
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Figure 13.1.2



Filepath: F:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig13.2.1\_Deeth\_75.mxd



THIS DRAWING MAY BE USED ONLY FOR  
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**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

**Surface Water Flood Depth (m)**

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

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Scale at A3	Date	Drawn by	Approved by
1:19,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

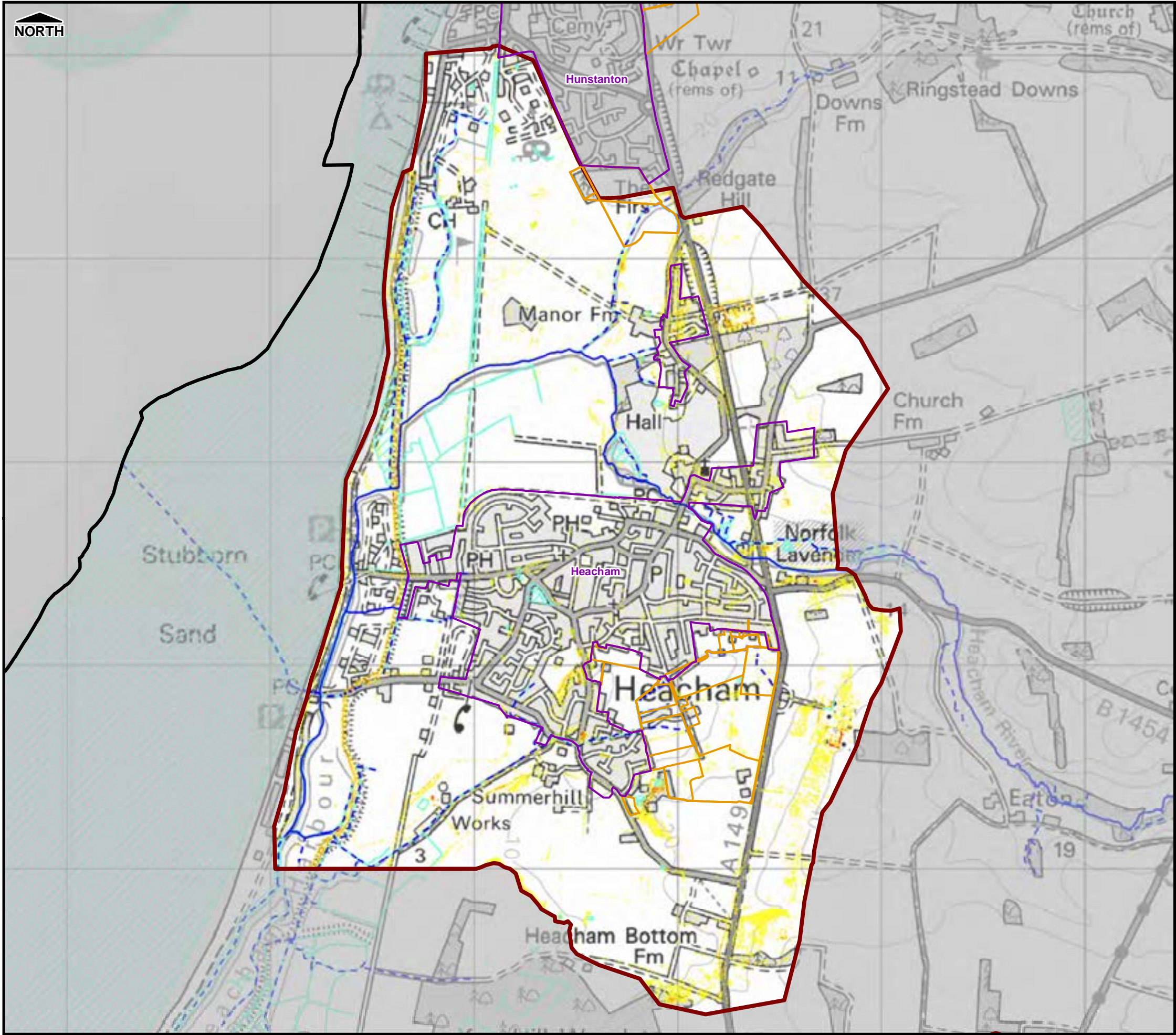
**Surface Water/Ordinary Watercourse Flooding  
1 in 75 Chance of Rainfall Event Occurring  
In Any Given Year (1.33% AEP)  
Heacham Model**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

**Figure 13.2.1**



Filepath: F:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig13.2.2\_Hazard\_75.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

Hydraulic Model Boundary

Administrative Boundary

Main River

Ordinary Watercourse

Culverted Watercourse

Assessed Settlements

Proposed Sites

Strategic Growth

Permanent Water Bodies

Flood Hazard Rating

Caution  
(Very Low Hazard)

Moderate  
(Danger for Some)

Significant  
(Danger for Most)

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. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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Scale at A3	Date	Drawn by	Approved by
1:19,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

**Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 75 Chance of Rainfall Event Occurring  
In Any Given Year (1.33% AEP)  
Heacham Model**

Consultant

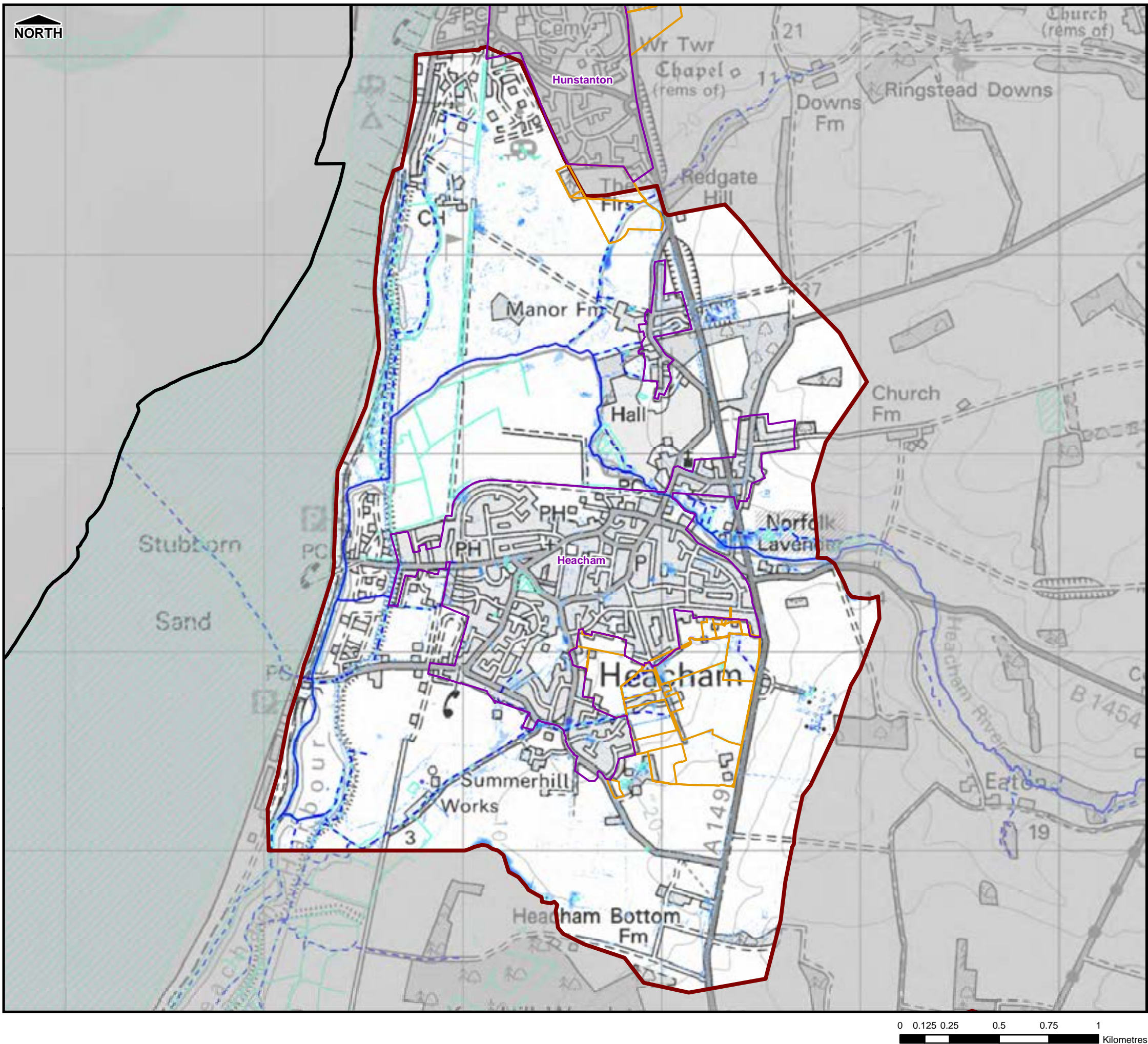
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

**Figure 13.2.2**



Filepath: F:\Environment\Z\NET\CS048386\_Kings Lynn SWMP\GIS\ARC\MapDocs\SWMP\_Fig13.3.1\_Deeth\_100.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

Surface Water Flood Depth (m)

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

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Scale at A3	Date	Drawn by	Approved by
1:19,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

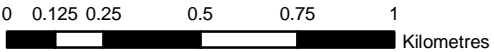
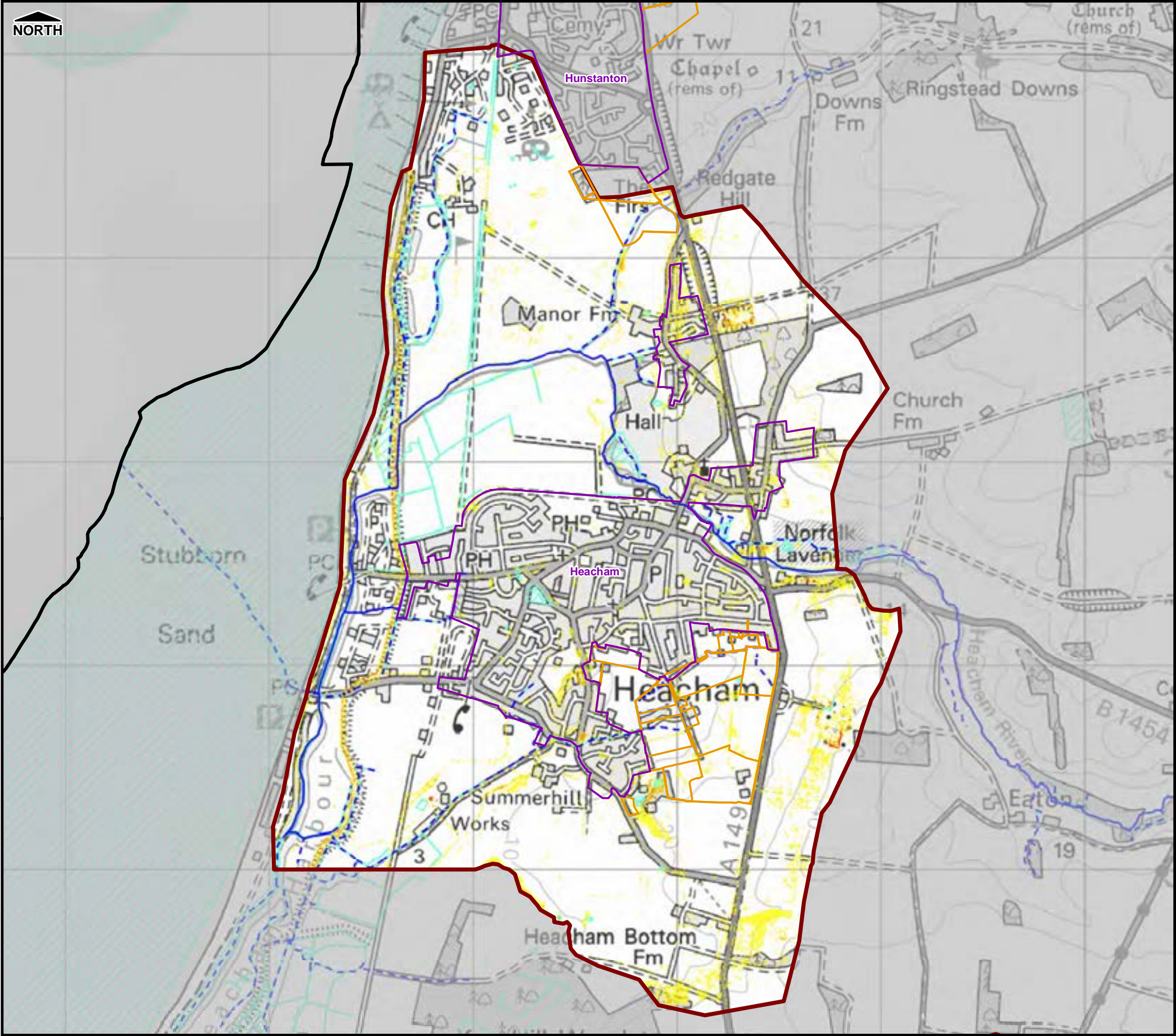
Surface Water/Ordinary Watercourse Flooding  
1 in 100 Chance of Rainfall Event Occurring  
In Any Given Year (1% AEP)  
Heacham Model

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 13.3.1



Filepath: E:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig13.3.2\_Hazard\_100.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
  - Administrative Boundary
  - Main River
  - Ordinary Watercourse
  - Culverted Watercourse
  - Assessed Settlements
  - Proposed Sites
  - Strategic Growth
  - Permanent Water Bodies
- Flood Hazard Rating
- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

**Notes**

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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Scale at A3	Date	Drawn by	Approved by
1:19,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

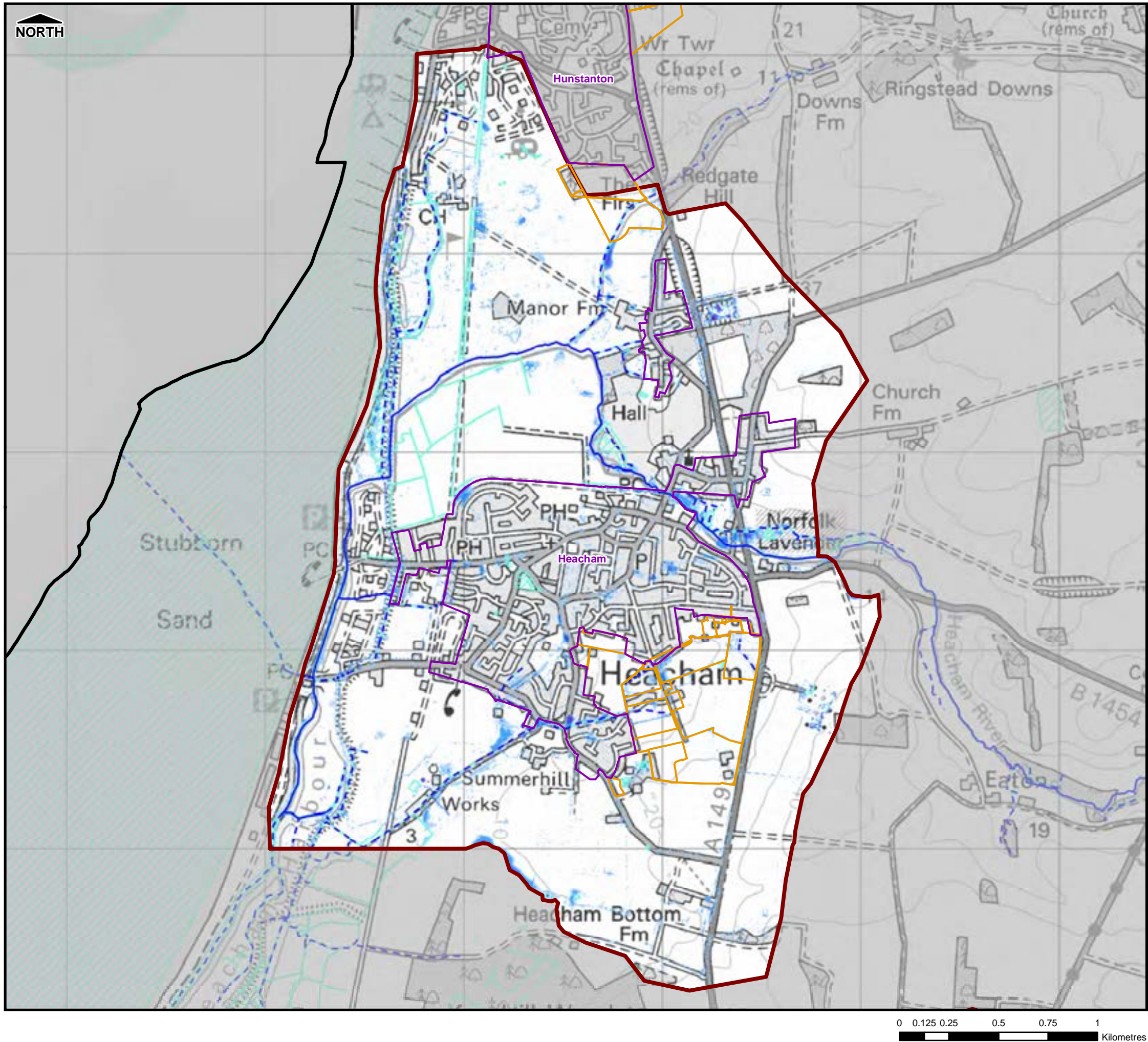
**Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 100 Chance of Rainfall Event Occurring  
In Any Given Year (1% AEP)  
Heacham Model**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

**Figure 13.3.2**



Filepath: F:\Environment\Z\NET\CS048386\_Kings Lynn\SWMP\GIS\ARC\MapDocs\SWMP\_Fig13.4.1\_Deeth\_100CC.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

**Surface Water Flood Depth (m)**

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

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Scale at A3	Date	Drawn by	Approved by
1:19,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

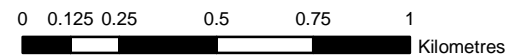
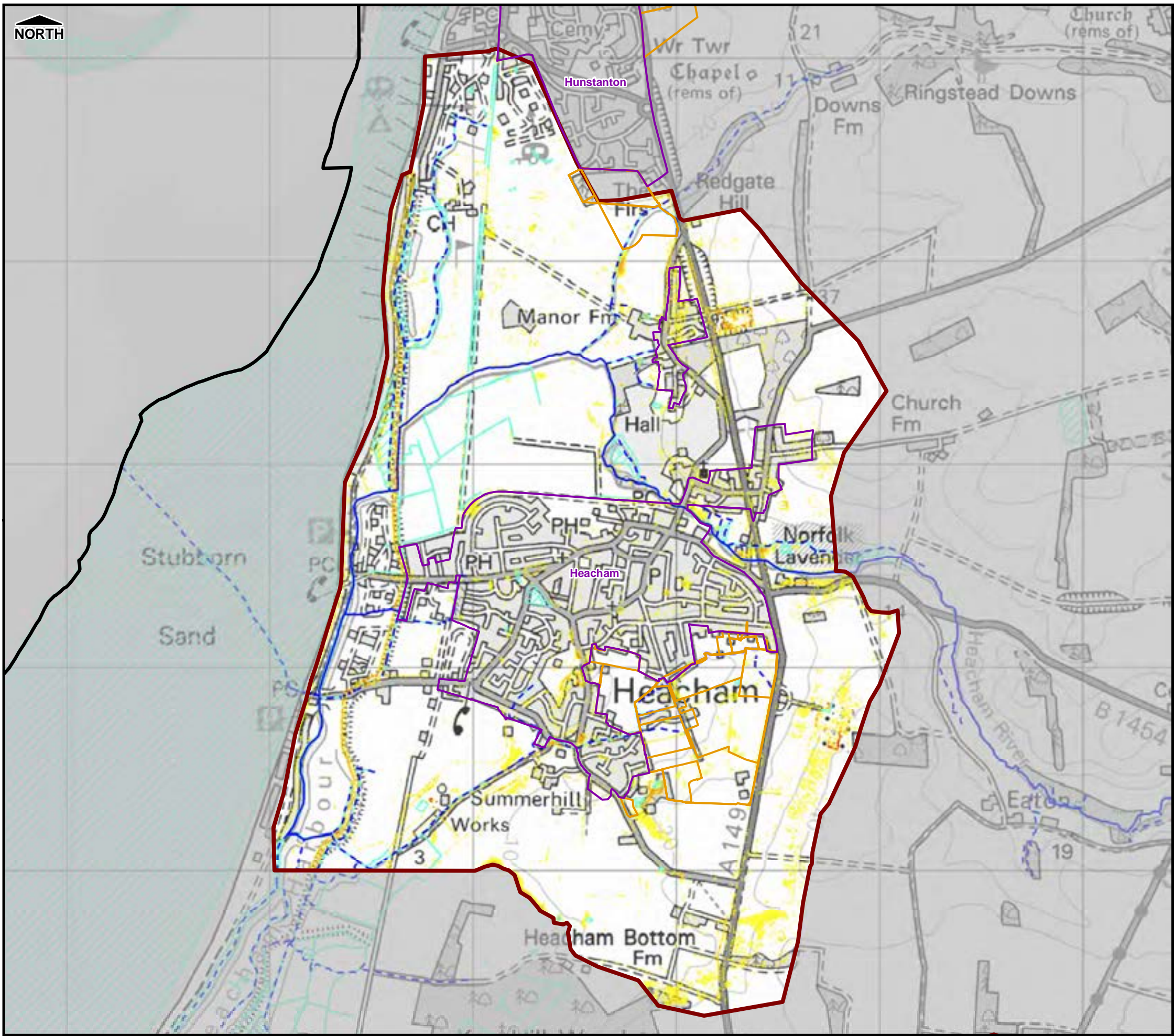
**Surface Water/Ordinary Watercourse Flooding  
1 in 100 Chance of Rainfall Event Occurring  
In Any Given Year Climate Change (1% AEP)  
Heacham Model**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

**Figure 13.4.1**



Filepath: E:\Environment\Z\NET\CS048386\_Kings Lynn\SWMP\GIS\ARC\MapDocs\SWMP\_Fig13.4.2\_Hazard\_100CC.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

**Flood Hazard Rating**

Caution (Very Low Hazard)	Significant (Danger for Most)
Moderate (Danger for Some)	Extreme (Danger for All)

**Notes**

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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**Surface Water Management Plan**

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<b>Scale at A3</b> 1:19,500	<b>Date</b> 23/09/2011	<b>Drawn by</b> S.TURNBULL	<b>Approved by</b> P.HLINOVSKY
--------------------------------	---------------------------	-------------------------------	-----------------------------------

**Surface Water/Ordinary Watercourse Hazard Rating**  
**1 in 100 Chance of Rainfall Event Occurring In Any Given Year Climate Change (1% AEP) Heacham Model**

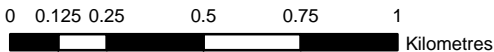
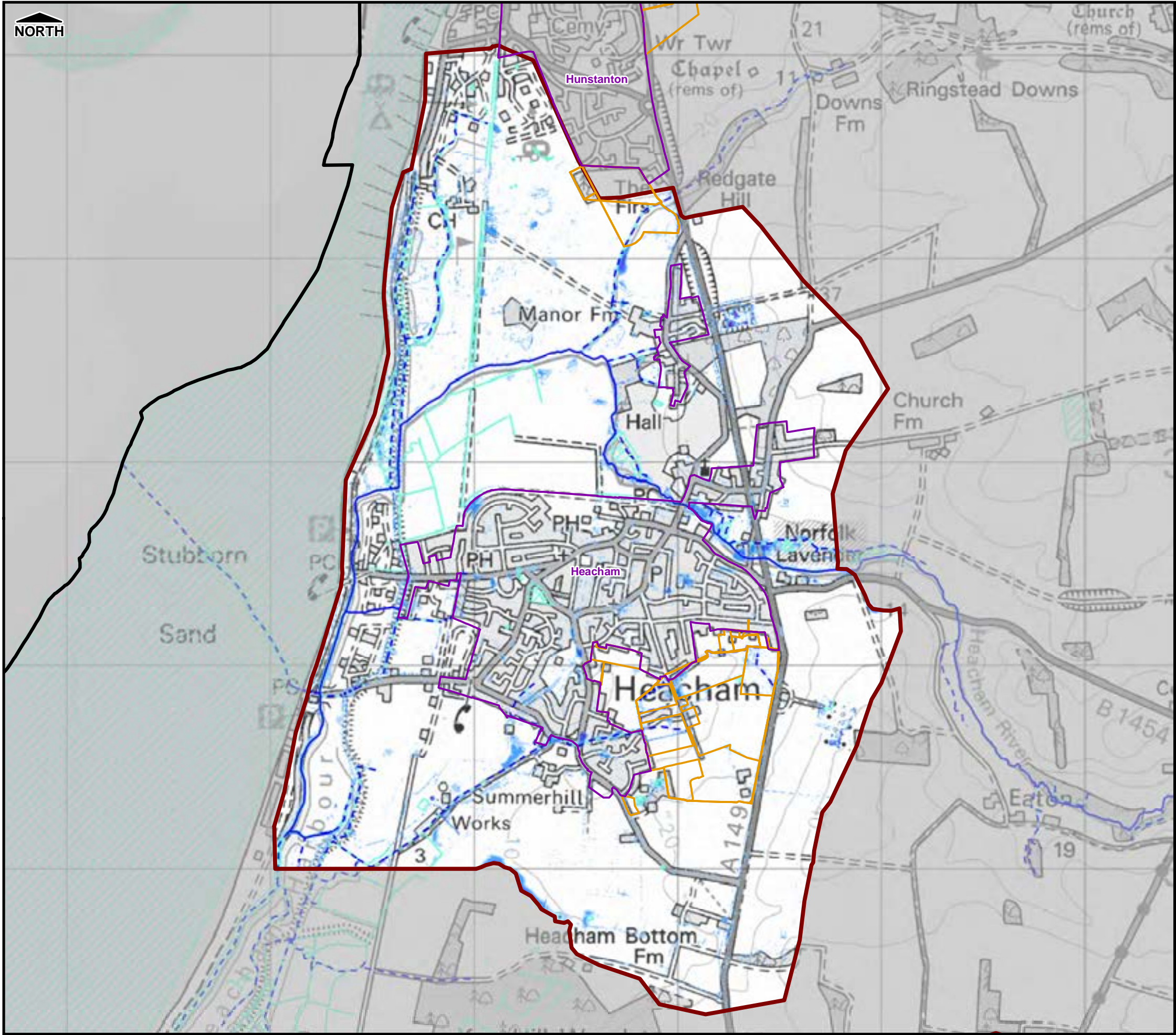
**Consultant**

<b>CAPITA SYMONDS</b> Flood Risk Management	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
--	---

**Figure 13.4.2**



Filepath: F:\Environment\Z\NET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig13.5.1\_Deeth\_200.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Area
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

**Surface Water Flood Depth (m)**

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

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**Surface Water Management Plan**

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Scale at A3	Date	Drawn by	Approved by
1:19,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

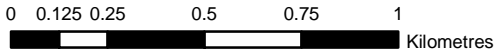
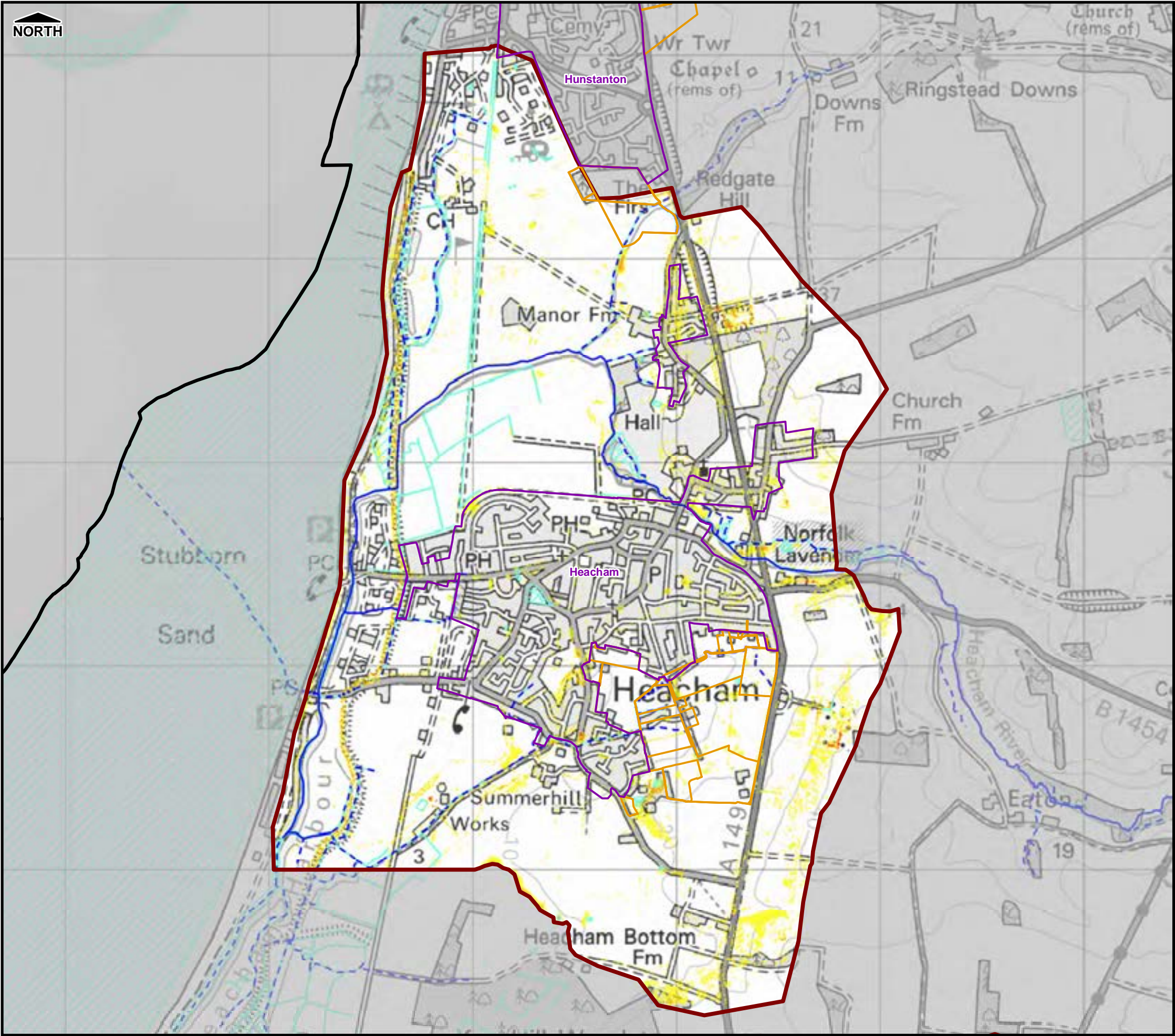
**Surface Water/Ordinary Watercourse Flooding  
1 in 200 Chance of Rainfall Event Occurring  
In Any Given Year (0.5% AEP)  
Heacham Model**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

**Figure 13.5.1**



Filepath: E:\Environment\Z\NET\CS048386\_Kings Lynn SWMP\GIS\ARC\MapDocs\SWMP\_Fig13.5.2\_Hazard\_200.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
  - Administrative Boundary
  - Main River
  - Ordinary Watercourse
  - Culverted Watercourse
  - Assessed Settlements
  - Proposed Sites
  - Strategic Growth
  - Permanent Water Bodies
- Flood Hazard Rating
- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

**Notes**

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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Scale at A3	Date	Drawn by	Approved by
1:19,500	23/09/2011	S.TURNBULL	P.HLINOVSKY

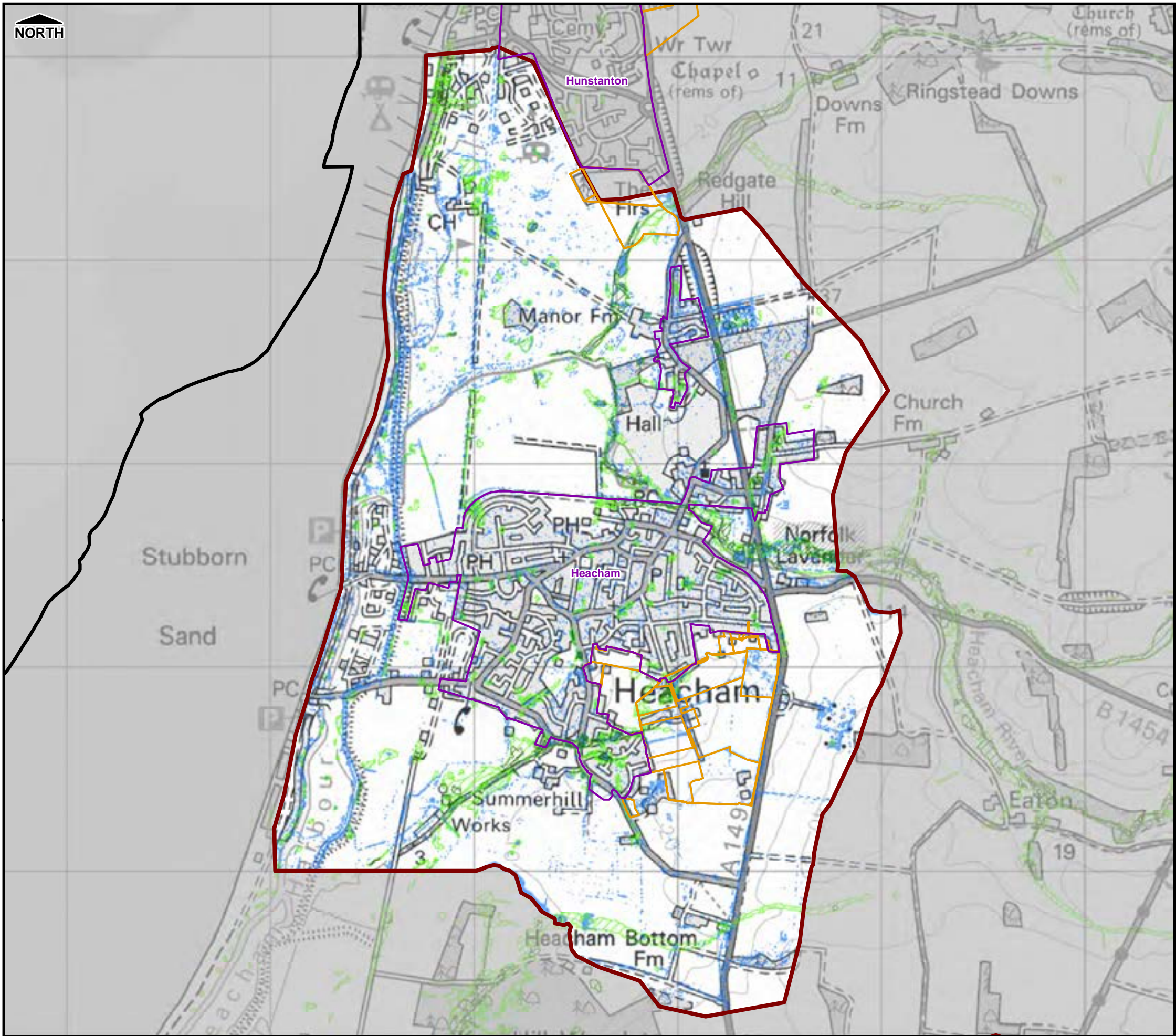
**Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 200 Chance of Rainfall Event Occurring  
In Any Given Year (0.5% AEP)  
Heacham Model**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
<b>CAPITA SYMONDS</b> Flood Risk Management	

**Figure 13.5.2**



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARC\Map\SWMP\_Fig13.6.1\_EAFMISW\_30.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- EA Flood Map for Surface Water 1 in 30 year (Deep)
- EA Flood Map for Surface Water 1 in 30 year (Shallow)
- Modelled results 1 in 30 year

**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.

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Scale at A3	Date	Drawn by	Approved by
1:19,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

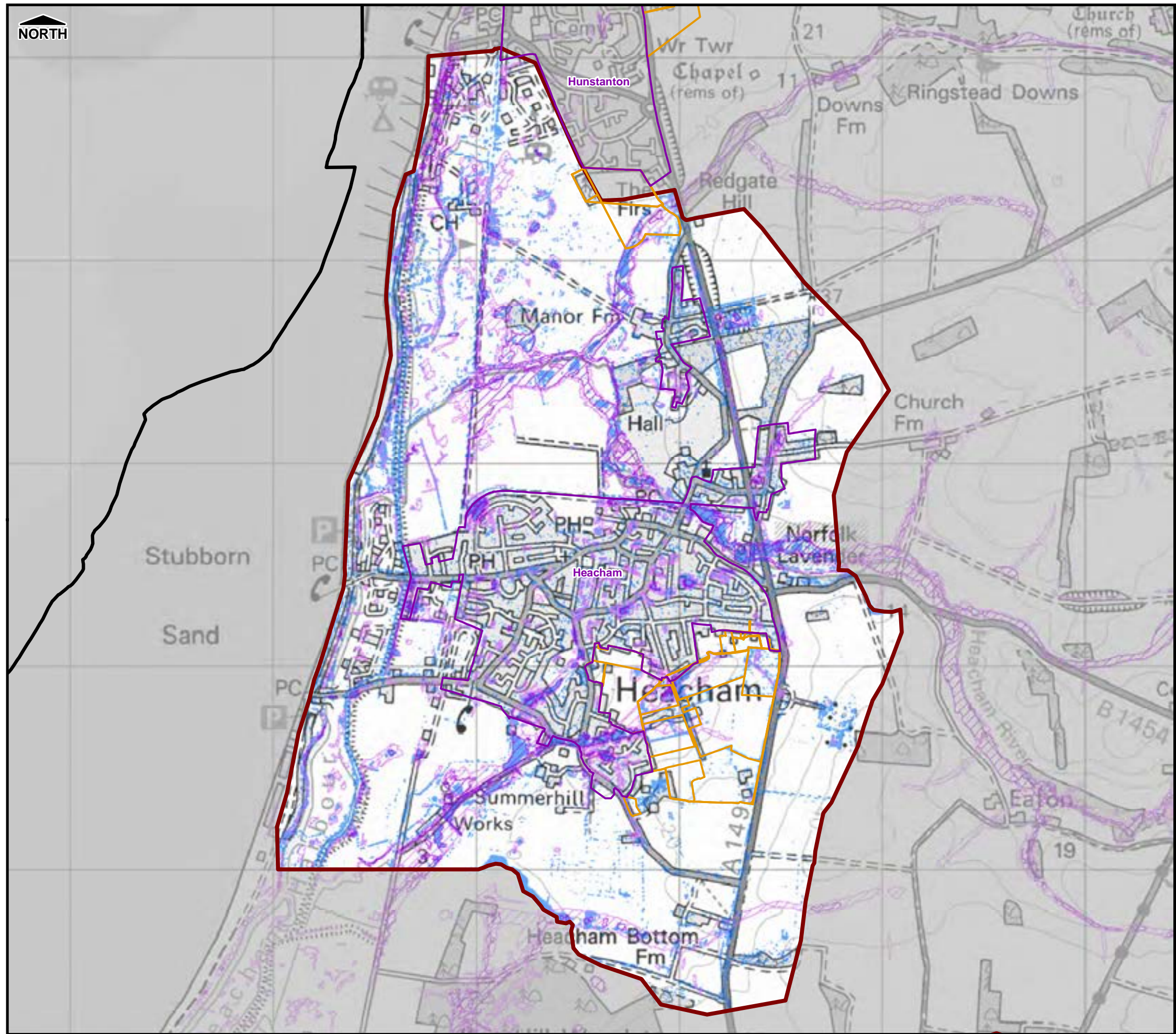
**1 in 30 year Probability Event  
Comparison of Environment Agency Flood Map  
for Surface Water against Heacham  
Modelled results  
Overview**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
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**Figure 13.6.1**



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARC\Map\SWMP\_Fig13.6.2\_EAFMISW\_200.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- EA Flood Map for Surface Water 1 in 200 year (Deep)
- EA Flood Map for Surface Water 1 in 200 year (Shallow)
- Modelled results 1 in 200 year

**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.

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Scale at A3	Date	Drawn by	Approved by
1:19,500	26/09/2011	S.TURNBULL	P.HLINOVSKY

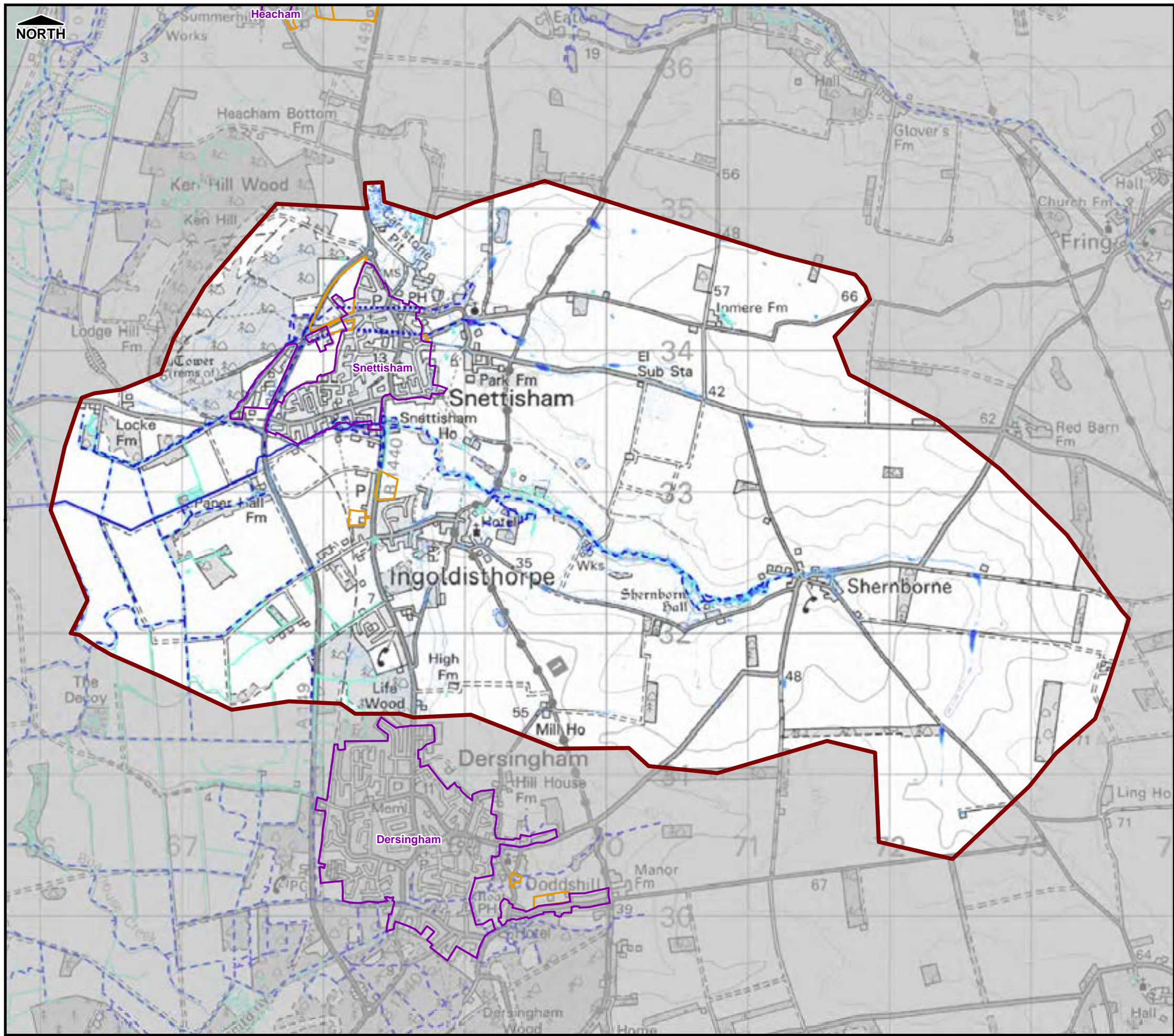
**1 in 200 year Probability Event  
Comparison of Environment Agency Flood Map  
for Surface Water against Heacham  
Modelled results  
Overview**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
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**Figure 13.6.2**



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.1.1\_Depth\_30.mxd



THIS DRAWING MAY BE USED ONLY FOR  
THE PURPOSE INTENDED

#### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

#### Surface Water Flood Depth (m)

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

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Scale at A3	Date	Drawn by	Approved by
1:28,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

### Surface Water/Ordinary Watercourse Flooding 1 in 30 Chance of Rainfall Event Occurring In Any Given Year (3.33% AEP) Snettisham Model

#### Consultant

**CAPITA SYMONDS**  
Flood Risk Management

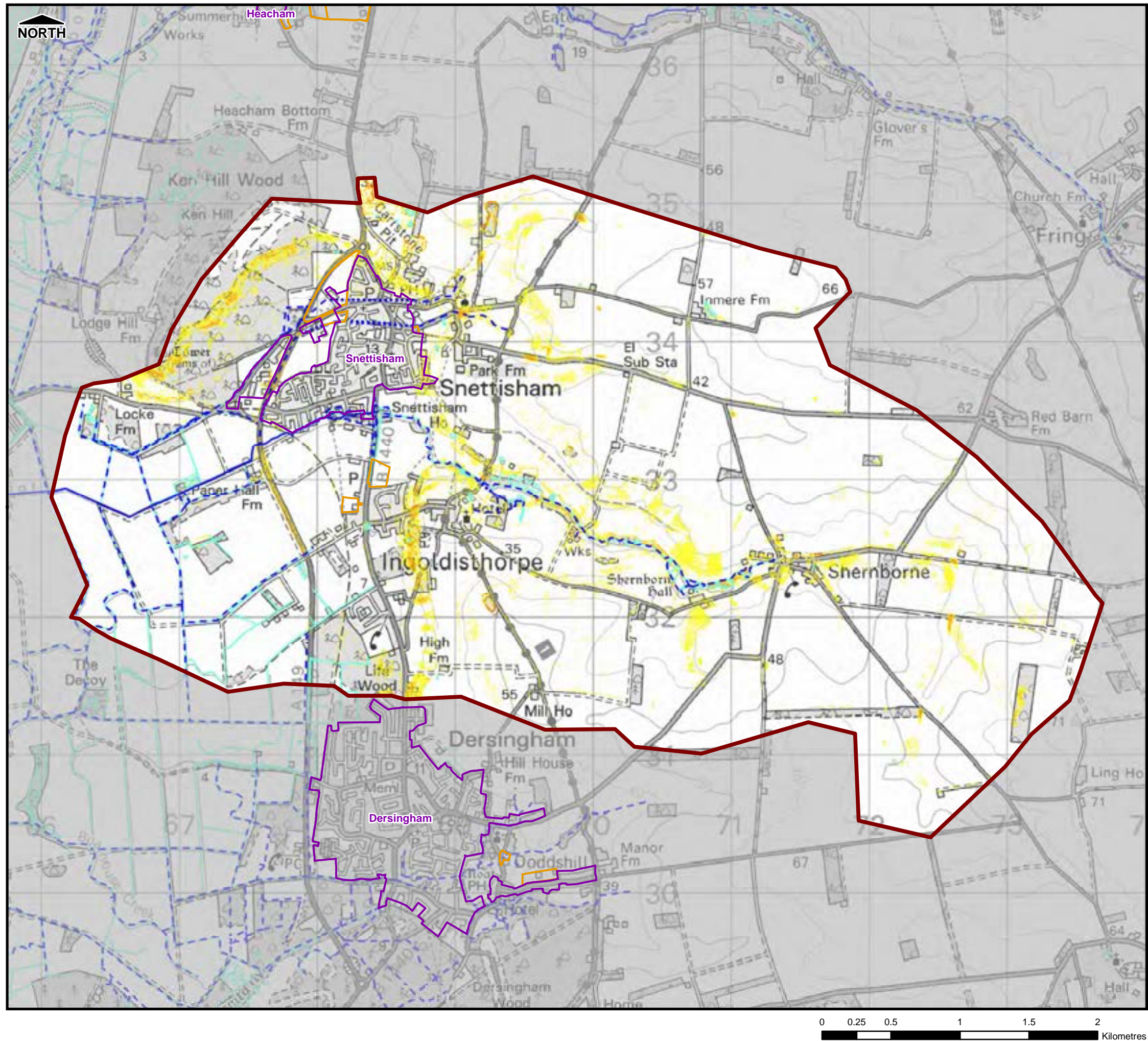
Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

Figure 14.1.1

0 0.125 0.25 0.5 0.75 1  
Kilometres



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.1.2\_Hazard\_30.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Flood Hazard Rating

- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(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. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

## Borough Council of King's Lynn & West Norfolk



### Surface Water Management Plan

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Scale at A3	Date	Drawn by	Approved by
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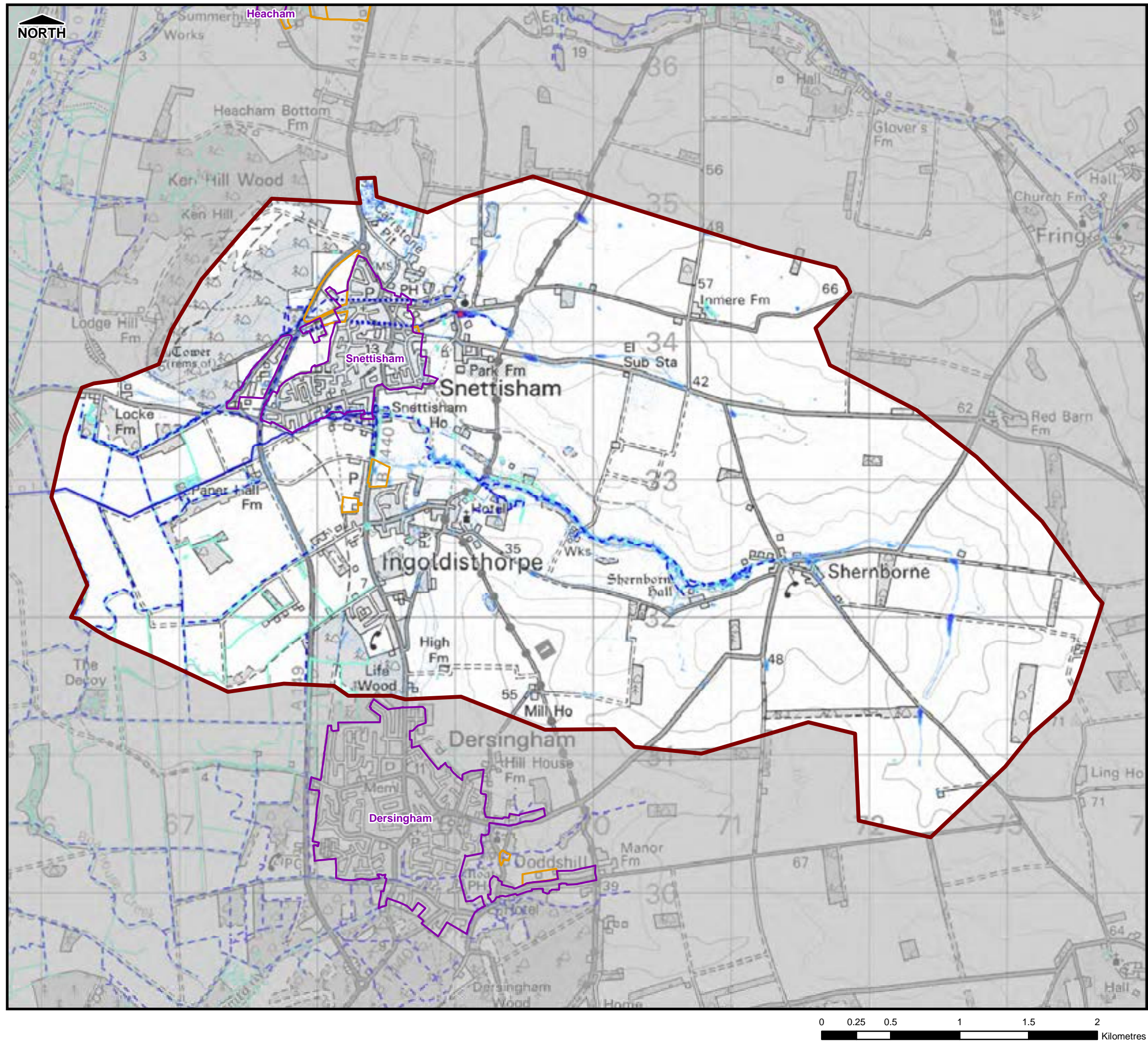
### Surface Water/Ordinary Watercourse Hazard Rating 1 in 30 Chance of Rainfall Event Occurring In Any Given Year (3.33% AEP) Snettisham Model

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

Figure 14.1.2



Filepath: F:\Environment\ZVET\CS048386\_KingsLynnSWMP\GIS\ARC\Xds\SWMP\_fig14.2.1\_Depth\_75.mxd



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### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Surface Water Flood Depth (m)

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

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Scale at A3	Date	Drawn by	Approved by
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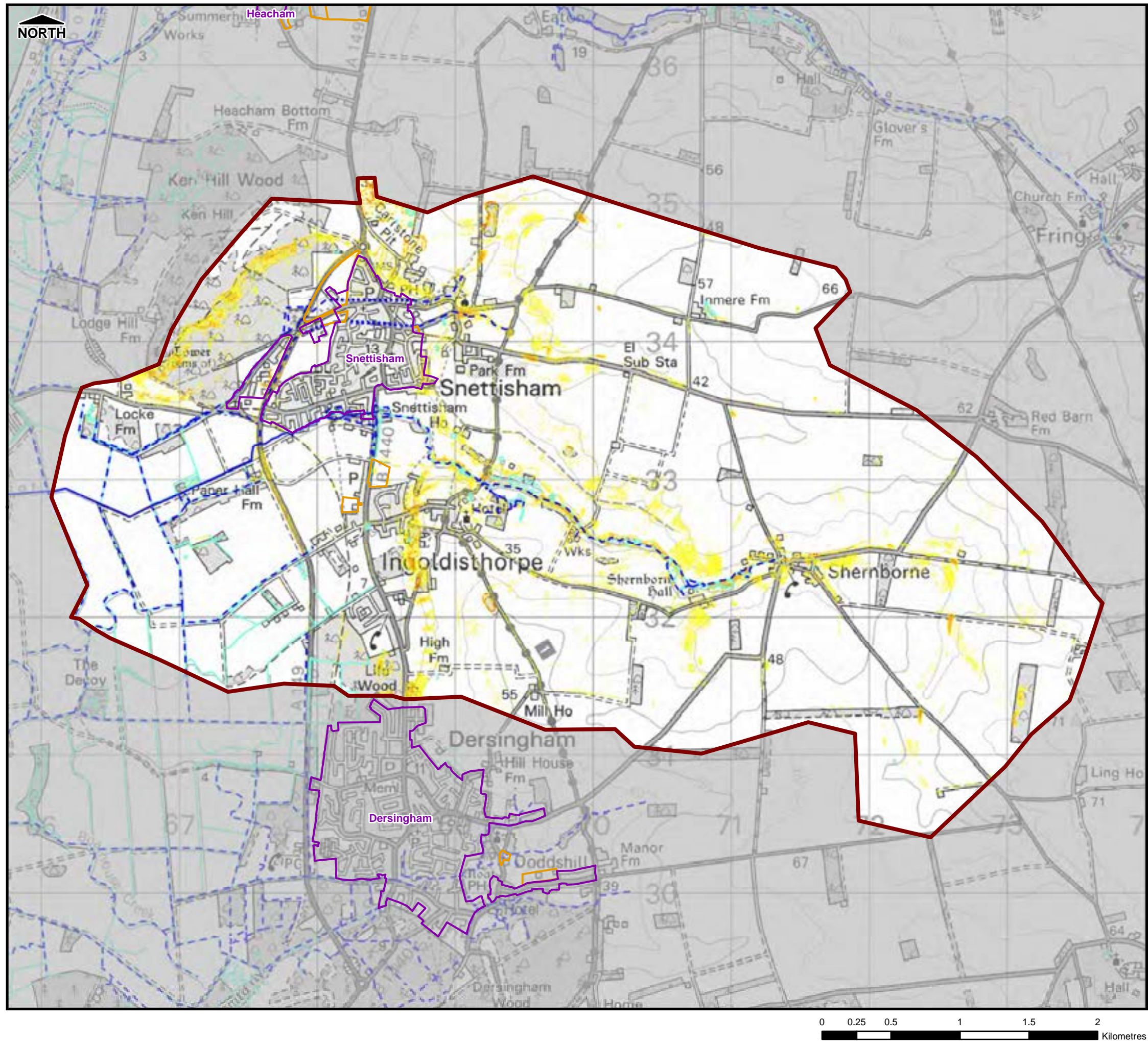
### Surface Water/Ordinary Watercourse Flooding 1 in 75 Chance of Rainfall Event Occurring In Any Given Year (1.33% AEP) Snettisham Model

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 14.2.1



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.2.2\_Hazard\_75.mxd



THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

**Legend**

- Hydraulic Model Boundary
  - Administrative Boundary
  - Main River
  - Ordinary Watercourse
  - Culverted Watercourse
  - Assessed Settlements
  - Proposed Sites
  - Strategic Growth
  - Permanent Water Bodies
- Flood Hazard Rating
- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

**Notes**

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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**Surface Water/Ordinary Watercourse  
Hazard Rating  
1 in 75 Chance of Rainfall Event Occurring  
In Any Given Year (1.33% AEP)  
Snettisham Model**

**Consultant**

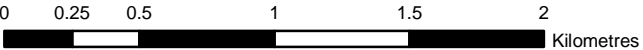
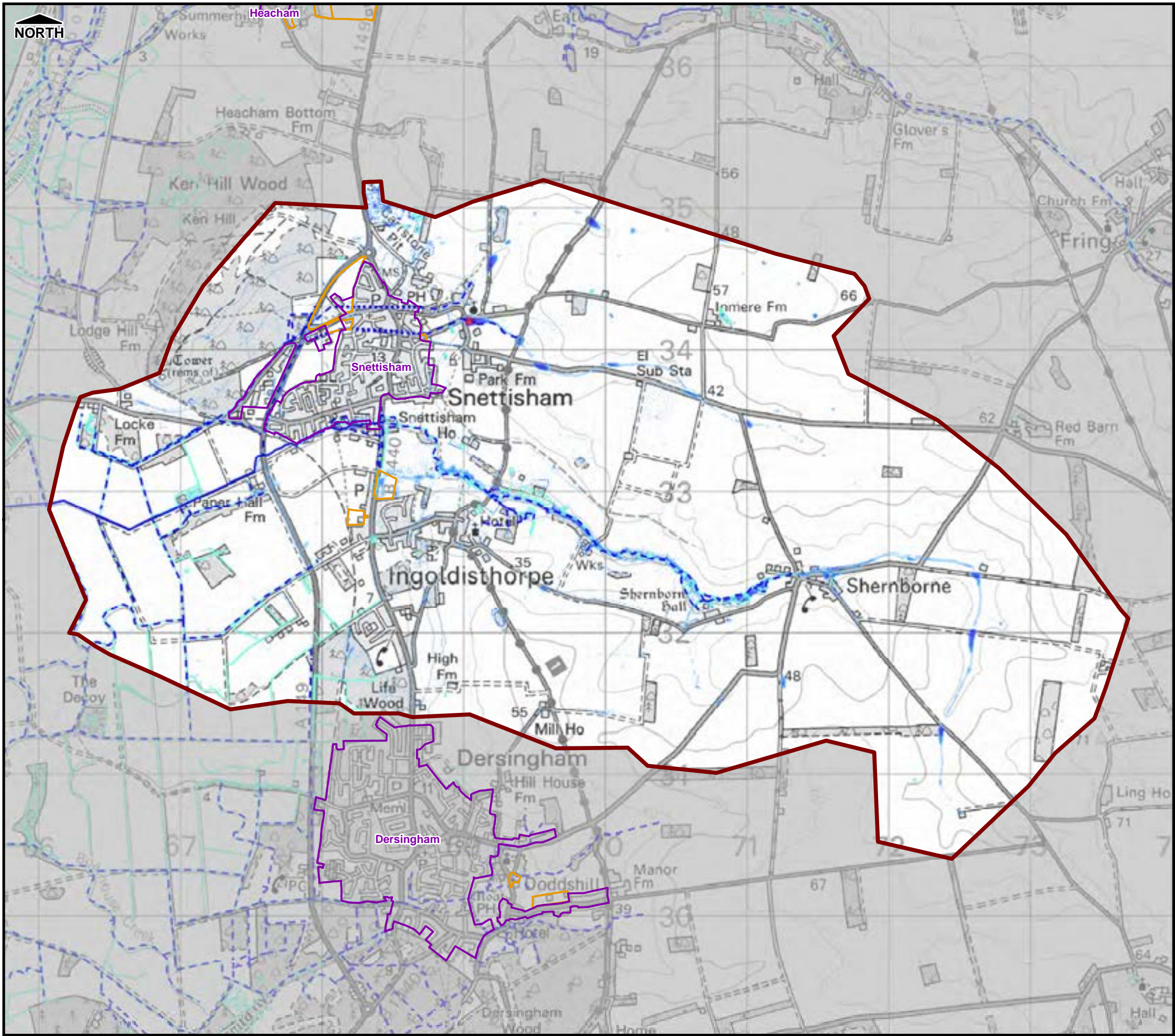
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

**Figure 14.2.2**



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.3.1\_Depth\_100.mxd



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**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

**Surface Water Flood Depth (m)**

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

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Scale at A3	Date	Drawn by	Approved by
1:28,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

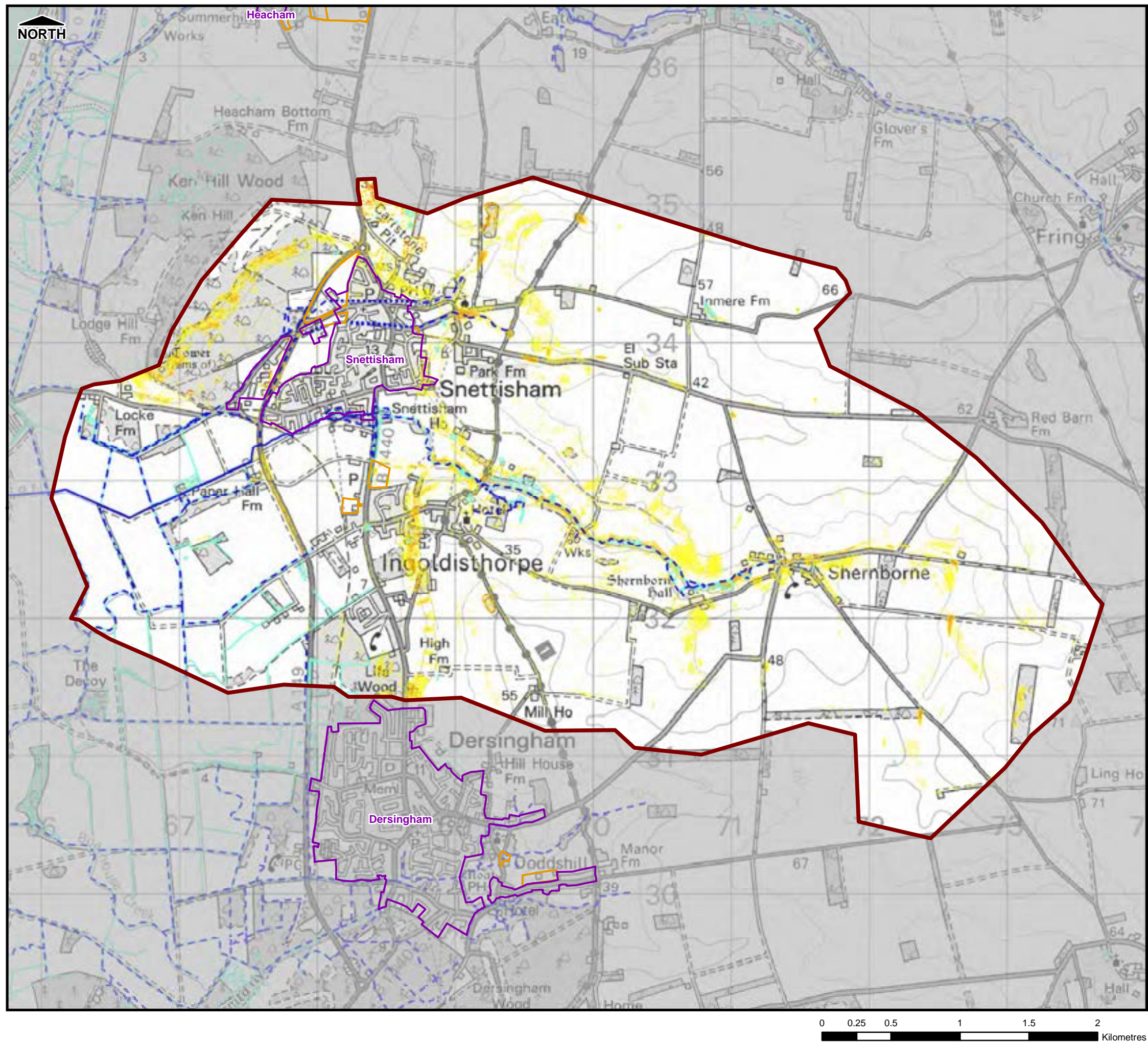
**Surface Water/Ordinary Watercourse Flooding  
1 in 100 Chance of Rainfall Event Occurring  
In Any Given Year (1% AEP)  
Snettisham Model**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

**Figure 14.3.1**



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THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Flood Hazard Rating

- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(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. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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### Surface Water/Ordinary Watercourse Hazard Rating 1 in 100 Chance of Rainfall Event Occurring In Any Given Year (1% AEP) Snettisham Model

### Consultant

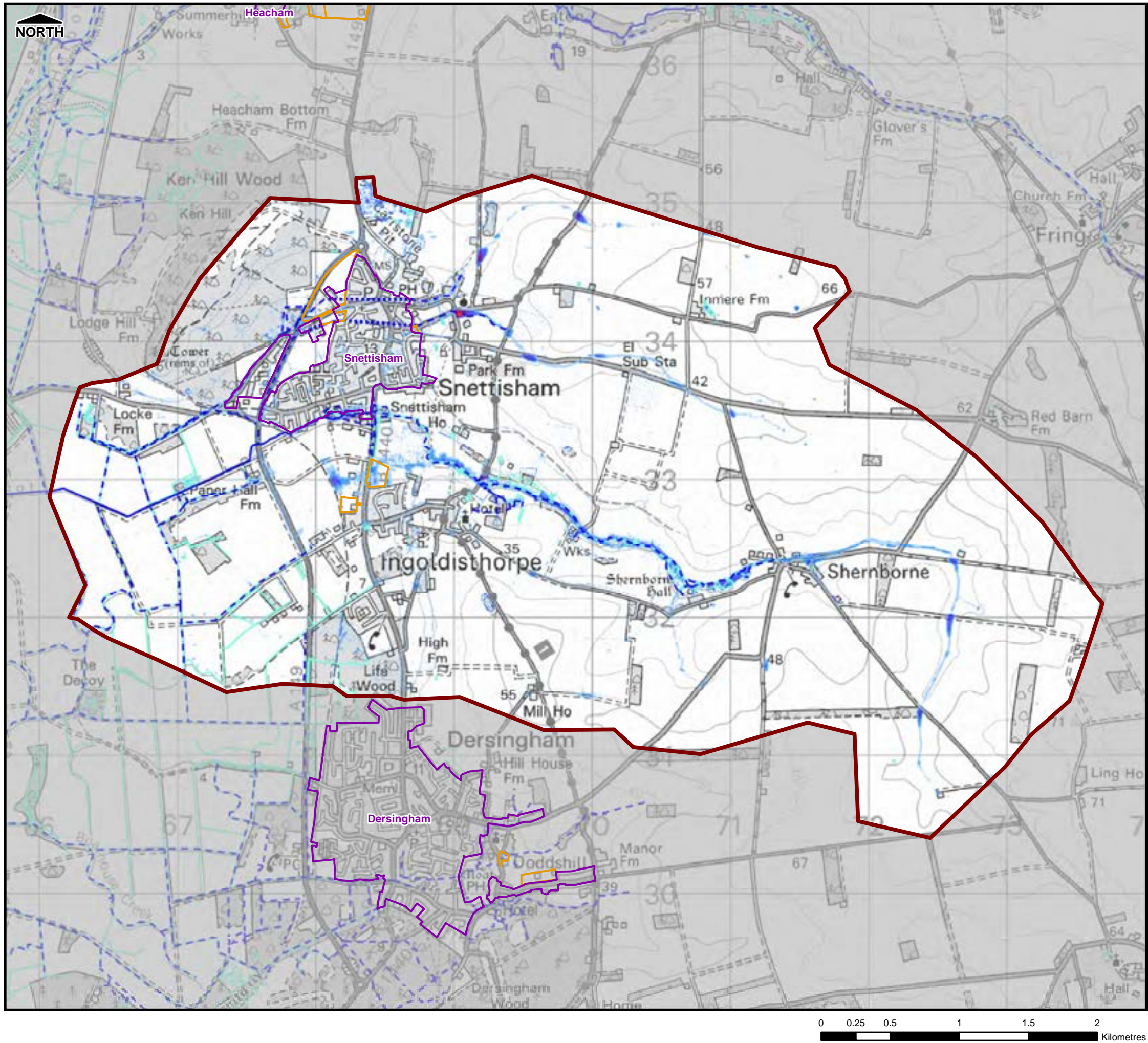
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

Figure 14.3.2



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.4.1\_Depth\_100CC.mxd



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#### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

#### Surface Water Flood Depth (m)

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

#### Notes

- 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.

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1:28,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

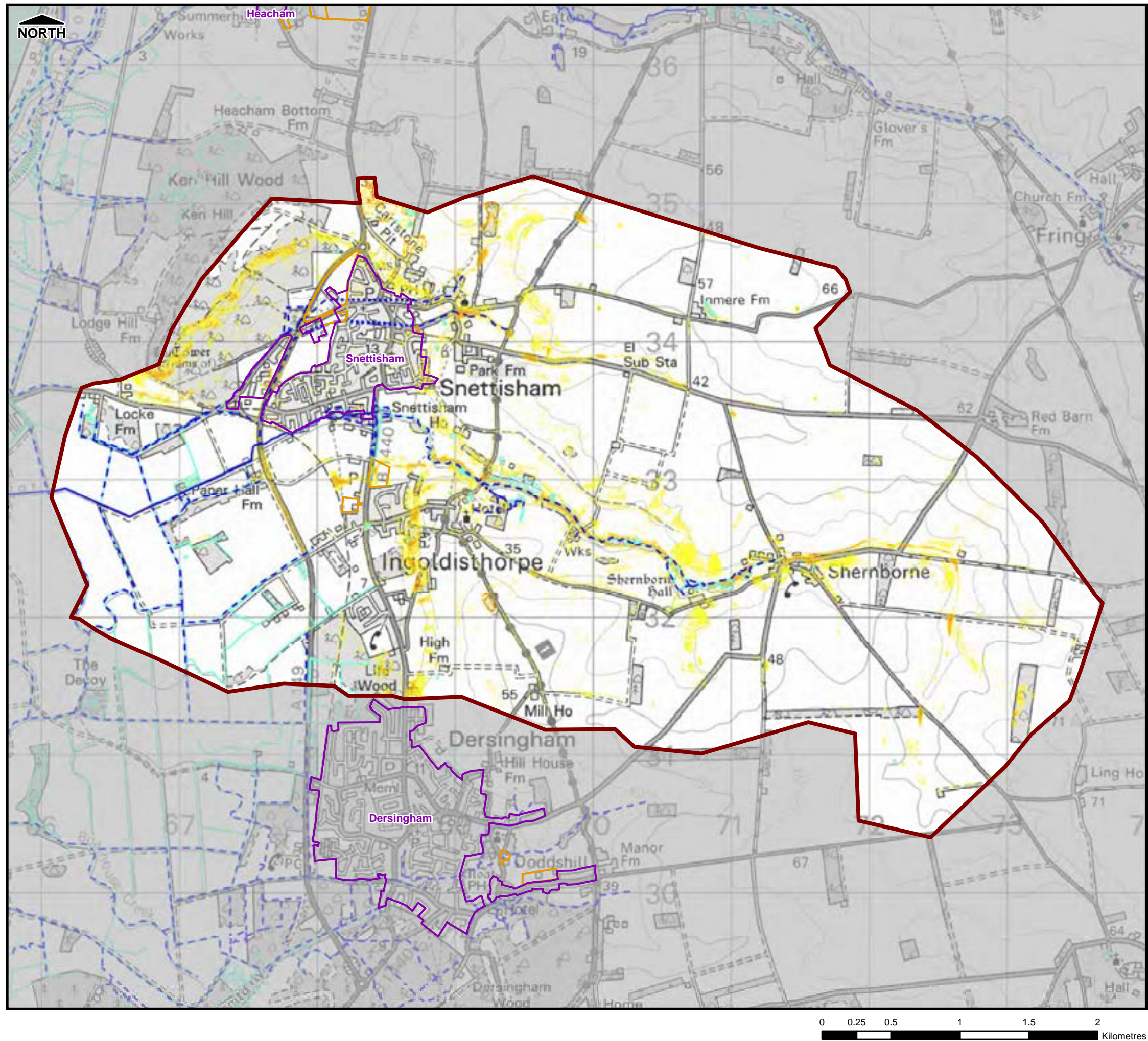
### Surface Water/Ordinary Watercourse Flooding 1 in 100 Chance of Rainfall Event Occurring In Any Given Year Climate Change (1% AEP) Snettisham Model

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 14.4.1



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.4.2\_Hazard\_100CC.mxd



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THE PURPOSE INTENDED

### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Flood Hazard Rating

- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(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. Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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Scale at A3	Date	Drawn by	Approved by
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### Surface Water/Ordinary Watercourse Hazard Rating 1 in 100 Chance of Rainfall Event Occurring In Any Given Year Climate Change (1% AEP) Snettisham Model

### Consultant

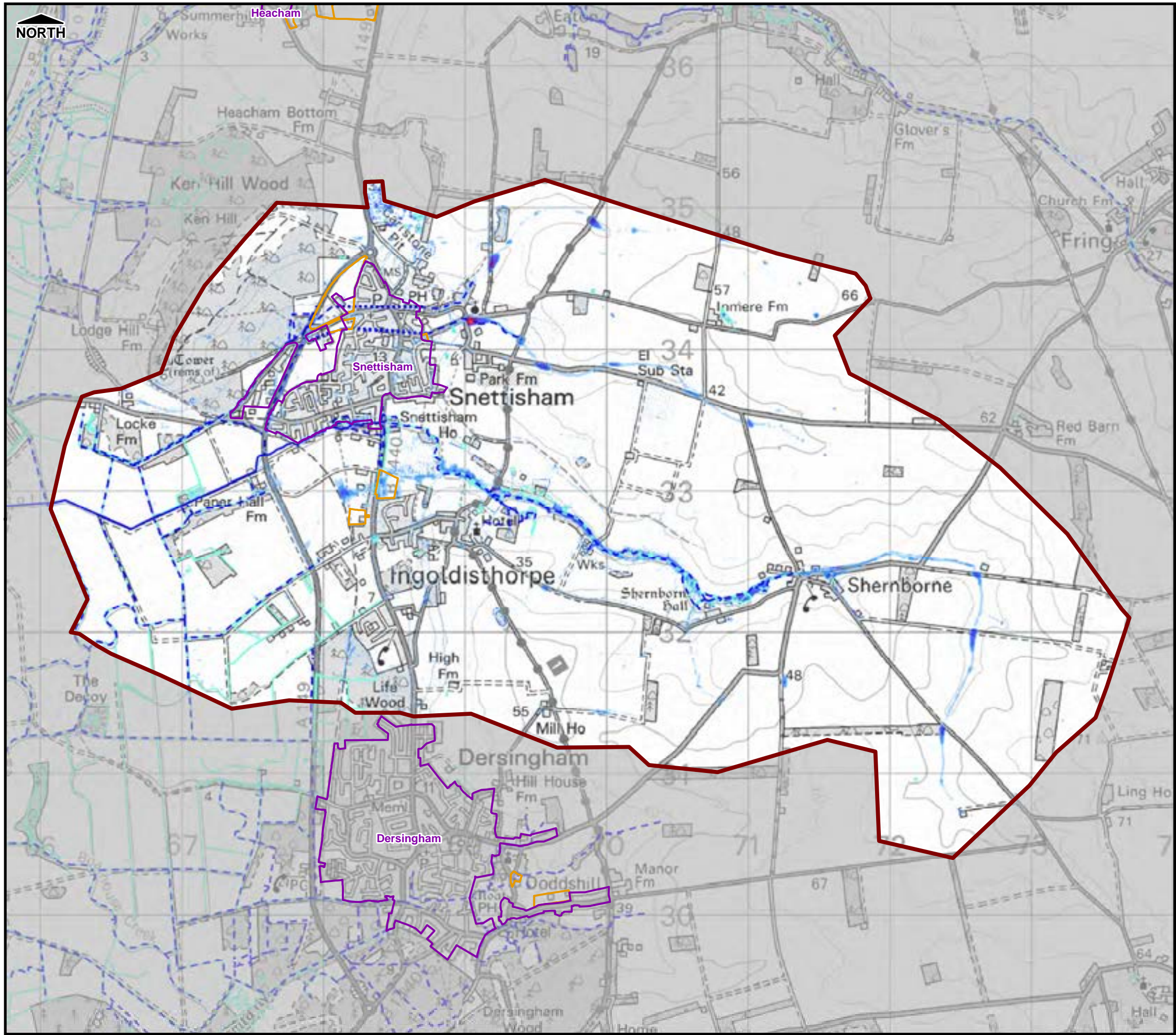
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

Figure 14.4.2



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.5.1\_Depth\_200.mxd



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#### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

#### Surface Water Flood Depth (m)

- |               |              |
|---------------|--------------|
| < 0.1m        | 0.5m to 1.0m |
| 0.1m to 0.25m | 1.0m to 1.5m |
| 0.25m to 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.

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Scale at A3	Date	Drawn by	Approved by
1:28,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

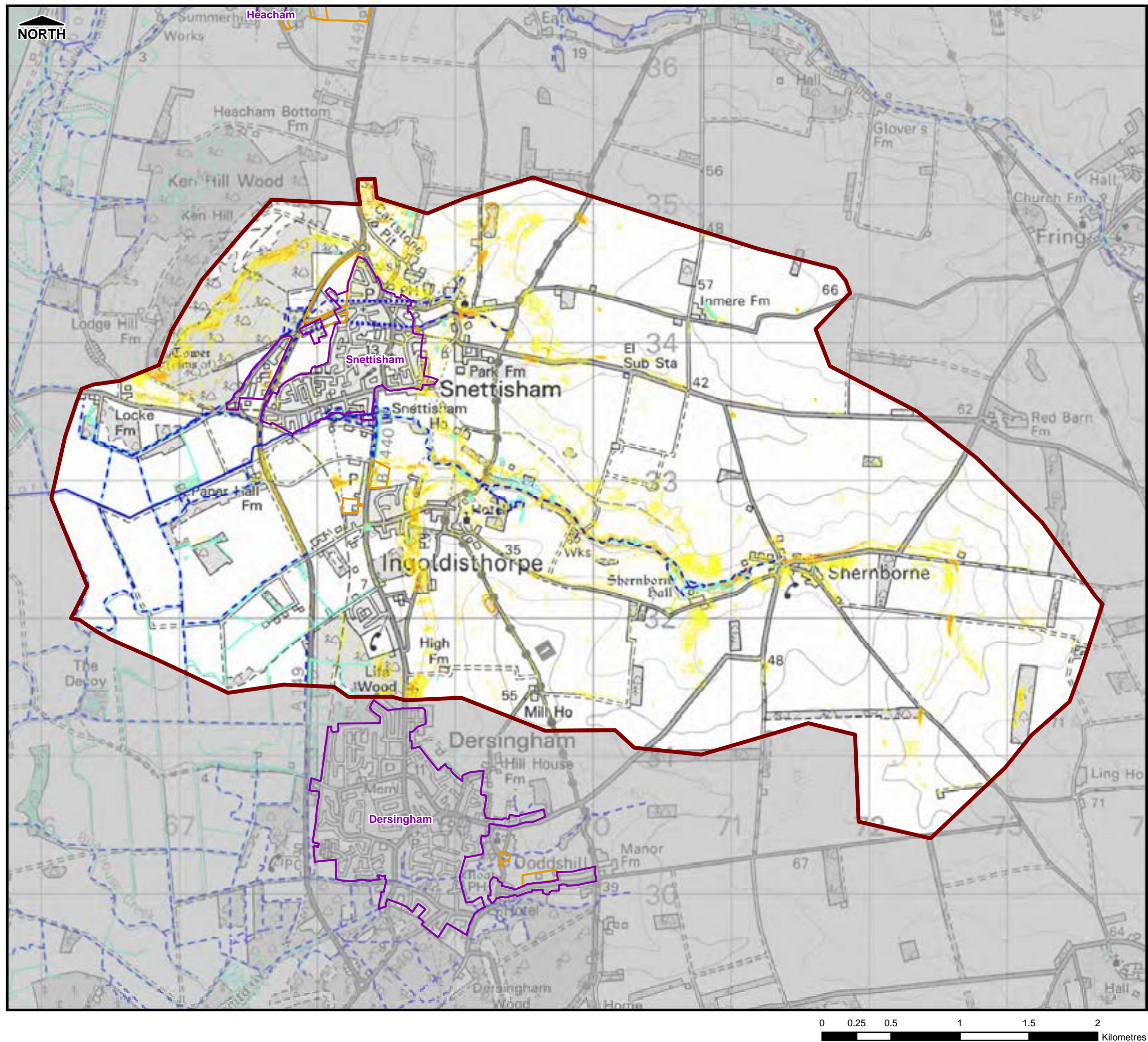
### Surface Water/Ordinary Watercourse Flooding 1 in 200 Chance of Rainfall Event Occurring In Any Given Year (0.5% AEP) Snettisham Model

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
------------	---

Figure 14.5.1



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARC\MapDocs\SWMP\_Fig14.5.2\_Hazard\_200.mxd



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### Legend

- Hydraulic Model Boundary
- Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- Permanent Water Bodies

### Flood Hazard Rating

- |                               |                                  |
|-------------------------------|----------------------------------|
| Caution<br>(Very Low Hazard)  | Significant<br>(Danger for Most) |
| Moderate<br>(Danger for Some) | Extreme<br>(Danger for All)      |

### Notes

- 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.
- Flood Hazard has been defined based upon the joint EA and Defra R&D Technical Report FD2320 (January 2006).

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### Surface Water/Ordinary Watercourse Hazard Rating 1 in 200 Chance of Rainfall Event Occurring In Any Given Year (0.5% AEP) Snettisham Model

#### Consultant

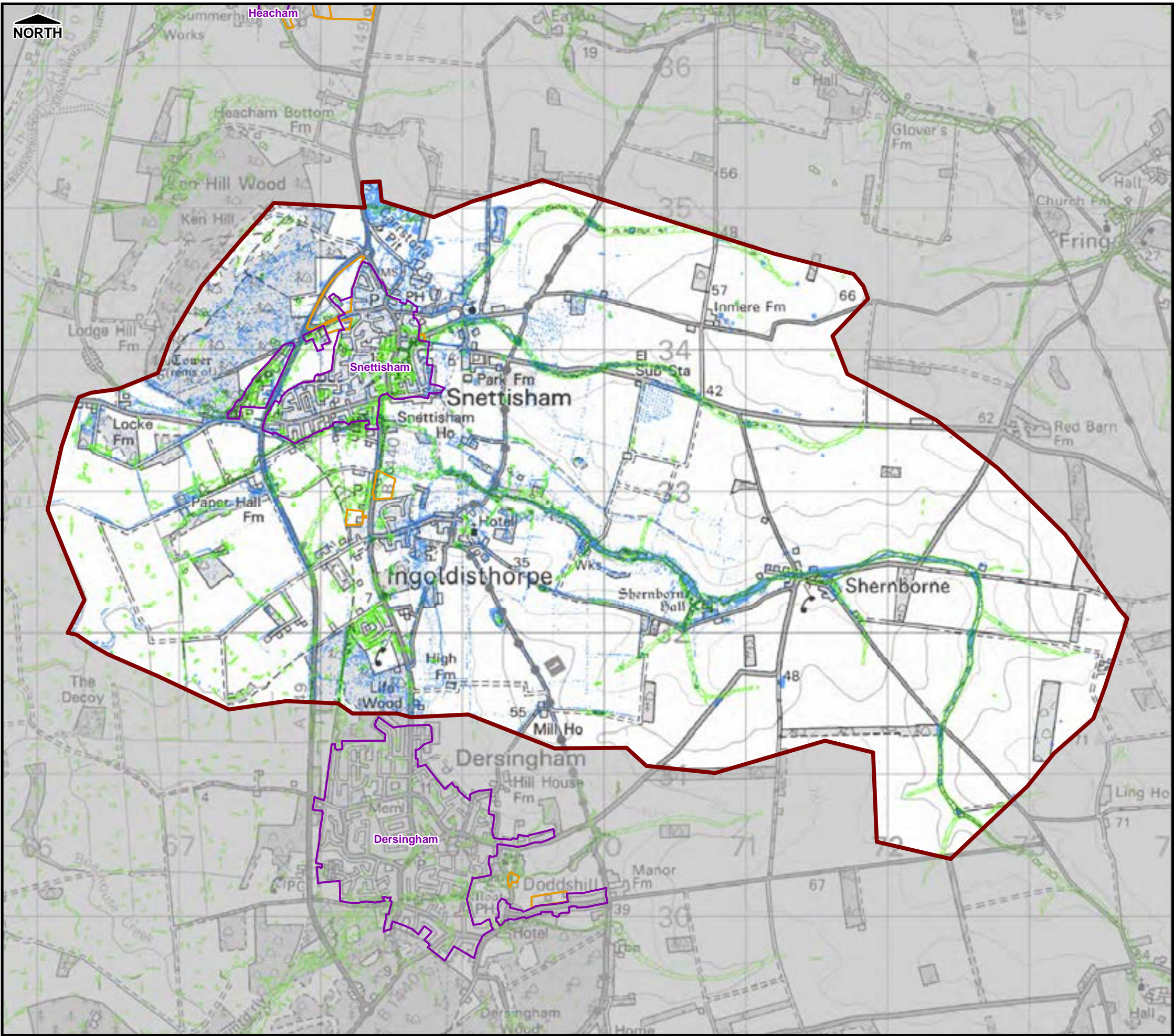
**CAPITA SYMONDS**  
Flood Risk Management

Capita Symonds  
Level Seven,  
52 Grosvenor Gardens,  
Belgravia,  
London  
SW1W 0AU

**Figure 14.5.2**



Filepath: F:\Environment\ZNET\CS048386\_KingsLynnSWMP\GIS\ARCMap\SWMP\_Fig14.6.1\_EAFMISW\_30.mxd



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**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- EA Flood Map for Surface Water 1 in 30 year (Deep)
- EA Flood Map for Surface Water 1 in 30 year (Shallow)
- Modelled results 1 in 30 year

**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.

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Scale at A3	Date	Drawn by	Approved by
1:28,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

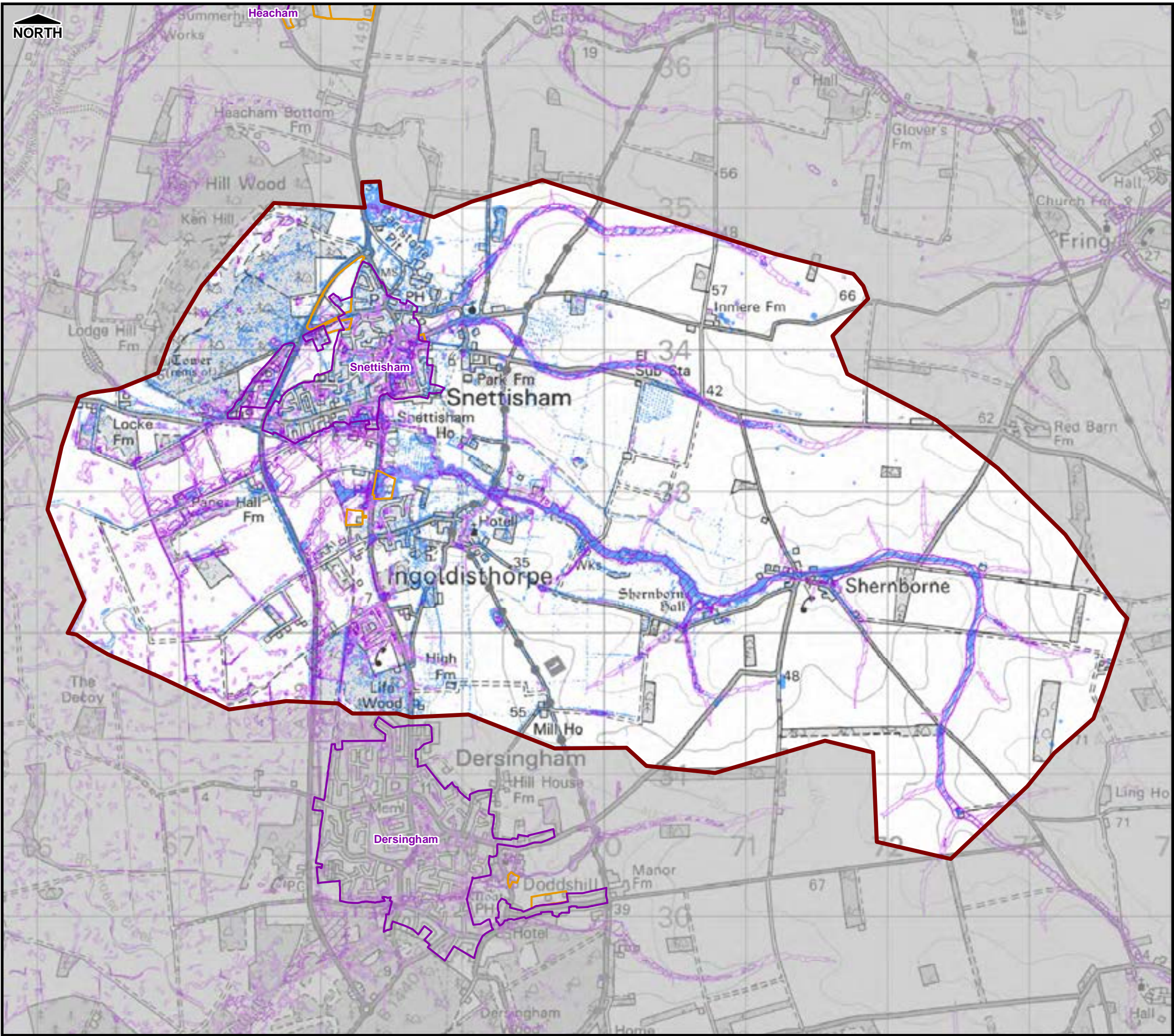
**1 in 30 year Probability Event  
Comparison of Environment Agency Flood Map  
for Surface Water against Snettisham  
Modelled results  
Overview**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
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**Figure 14.6.1**



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**Legend**

- Hydraulic Model Boundary
- Administrative Boundary
- Assessed Settlements
- Proposed Sites
- Strategic Growth
- EA Flood Map for Surface Water 1 in 200 year (Deep)
- EA Flood Map for Surface Water 1 in 200 year (Shallow)
- Modelled results 1 in 200 year

**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.

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Scale at A3	Date	Drawn by	Approved by
1:28,000	23/09/2011	S.TURNBULL	P.HLINOVSKY

**1 in 200 year Probability Event  
Comparison of Environment Agency Flood Map  
for Surface Water against Snettisham  
Modelled results  
Overview**

Consultant	Capita Symonds Level Seven, 52 Grosvenor Gardens, Belgravia, London SW1W 0AU
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**Figure 14.6.2**



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Where assessments of works or costs identified in this Report are made, such assessments are based upon the information available at the time and where appropriate are subject to further investigations or information which may become available.

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