

**PROJECT**  
Horsham District Council  
Level 1 Strategic Flood Risk  
Assessment

**CLIENT**  
Horsham District Council

**CONSULTANT**

AECOM Limited  
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**LEGEND**

- Horsham District Boundary
- High
- Medium
- Low

**NOTES**

1: This map shows the predicted likelihood of surface water flooding based on the Environment Agency's Risk of Flooding from Surface Water (ROFSW) data, which may be subject to further analysis in the future. Further information is provided on the Environment Agency website (<https://www.gov.uk/check-long-term-flood-risk>).

2: Surface water risk is divided into four categories: High - Flooding greater than 3.33% Annual Exceedance Probability (AEP), Medium - Flooding between 3.33% and 1% AEP, Low - Flooding between 1% and 0.1% AEP and Very Low - Less than 0.1% AEP. Land outside the mapped extents are at very low risk.

3: This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess the flood risk for individual properties.

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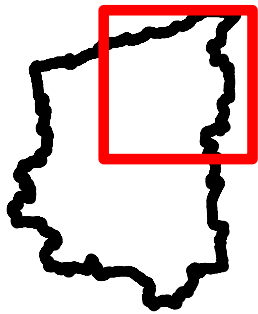
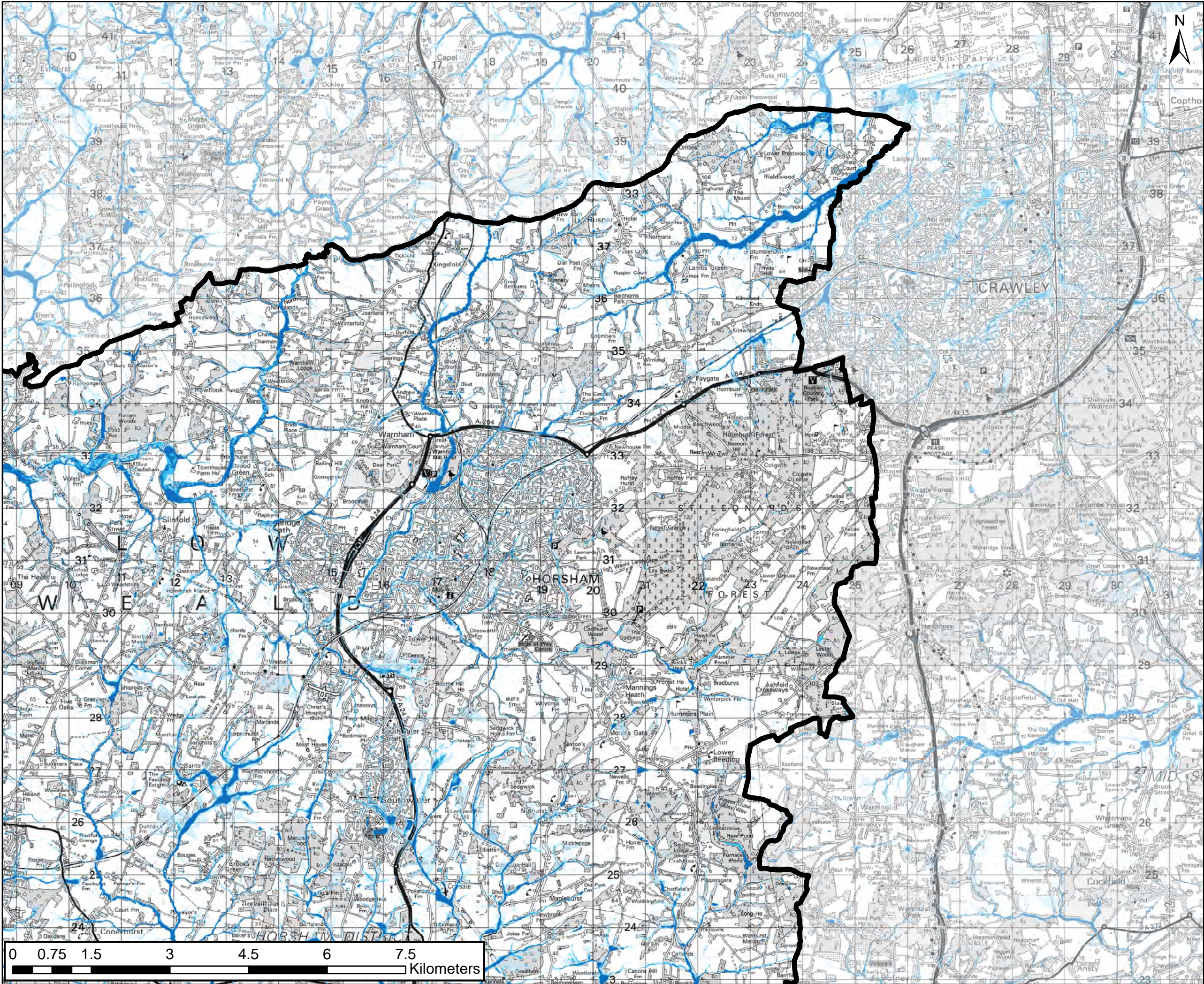
**ISSUE PURPOSE**  
FINAL

**PROJECT NUMBER**  
60730513

**FIGURE TITLE**  
Risk of Flooding from Surface Water

**FIGURE NUMBER**  
Figure A9





NOTES

1: This map shows the predicted likelihood of surface water flooding based on the Environment Agency's Risk of Flooding from Surface Water (ROFSW) data, which may be subject to further analysis in the future. Further information is provided on the Environment Agency website (<https://www.gov.uk/check-long-term-flood-risk>).

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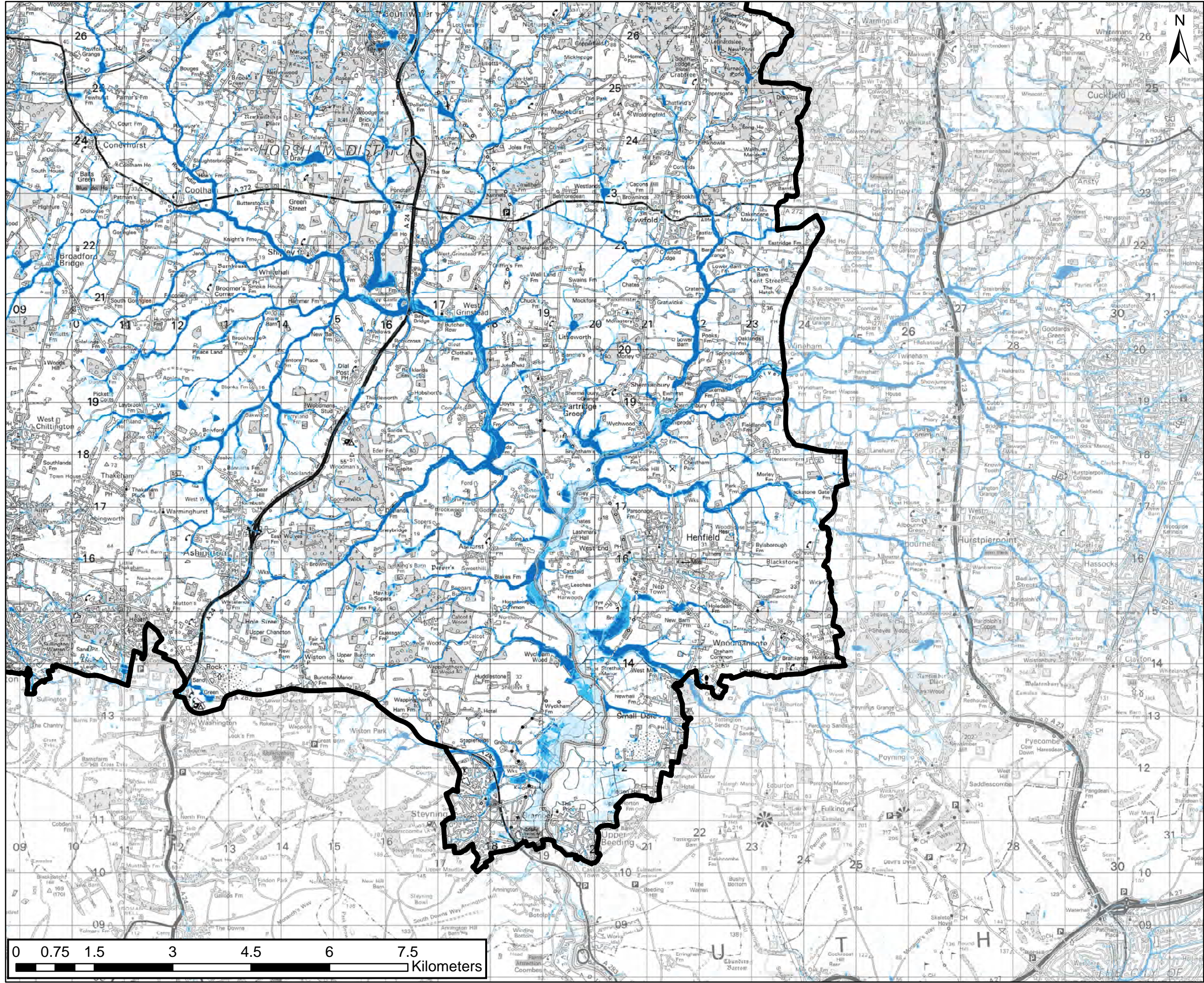
PROJECT NUMBER  
60730513

FIGURE TITLE  
Risk of Flooding from Surface Water

FIGURE NUMBER  
Figure A9-B

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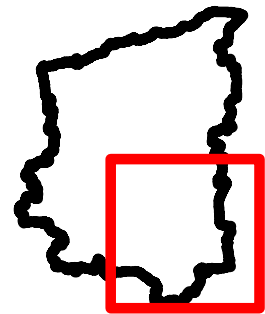
Horsham District Council

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LEGEND

- Horsham District Boundary
- High
- Medium
- Low



- NOTES

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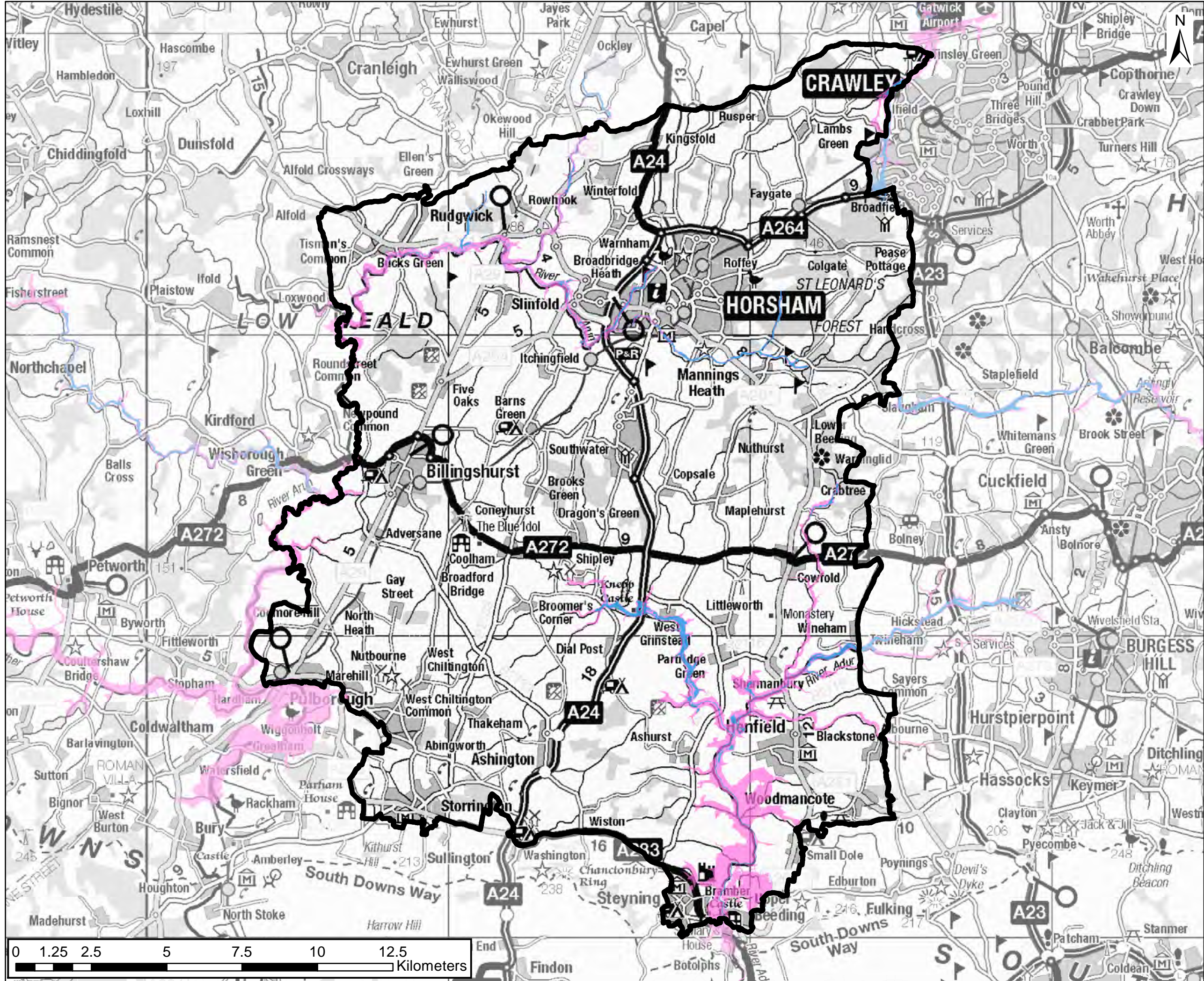
FIGURE TITLE

Risk of Flooding from Surface Water

FIGURE NUMBER

Figure A9-D





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**LEGEND**

- Horsham District Boundary
- Reservoir Dry Day Extent
- Reservoir Wet Day Extent

**NOTES**

1: This map shows the predicted maximum flood extents in the event that a reservoir was to fail and release the water held on both a "dry day" when local rivers are at normal levels and a "wet day" when local rivers have already overflowed their banks.

2: Each scenario presents a worst case scenario, however it is unlikely that any actual flood would be this large. This data gives no indication of the probability of reservoir flooding.

3: Flood extents for smaller reservoirs or reservoirs commissioned after October 2016 are not included.

4: This map is intended to provide a strategic overview of reservoir flood risk and should not be used to assess the flood risk for individual properties.

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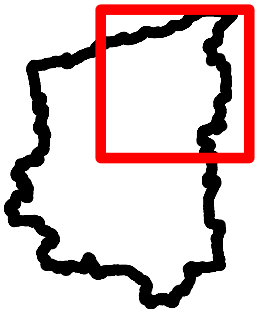
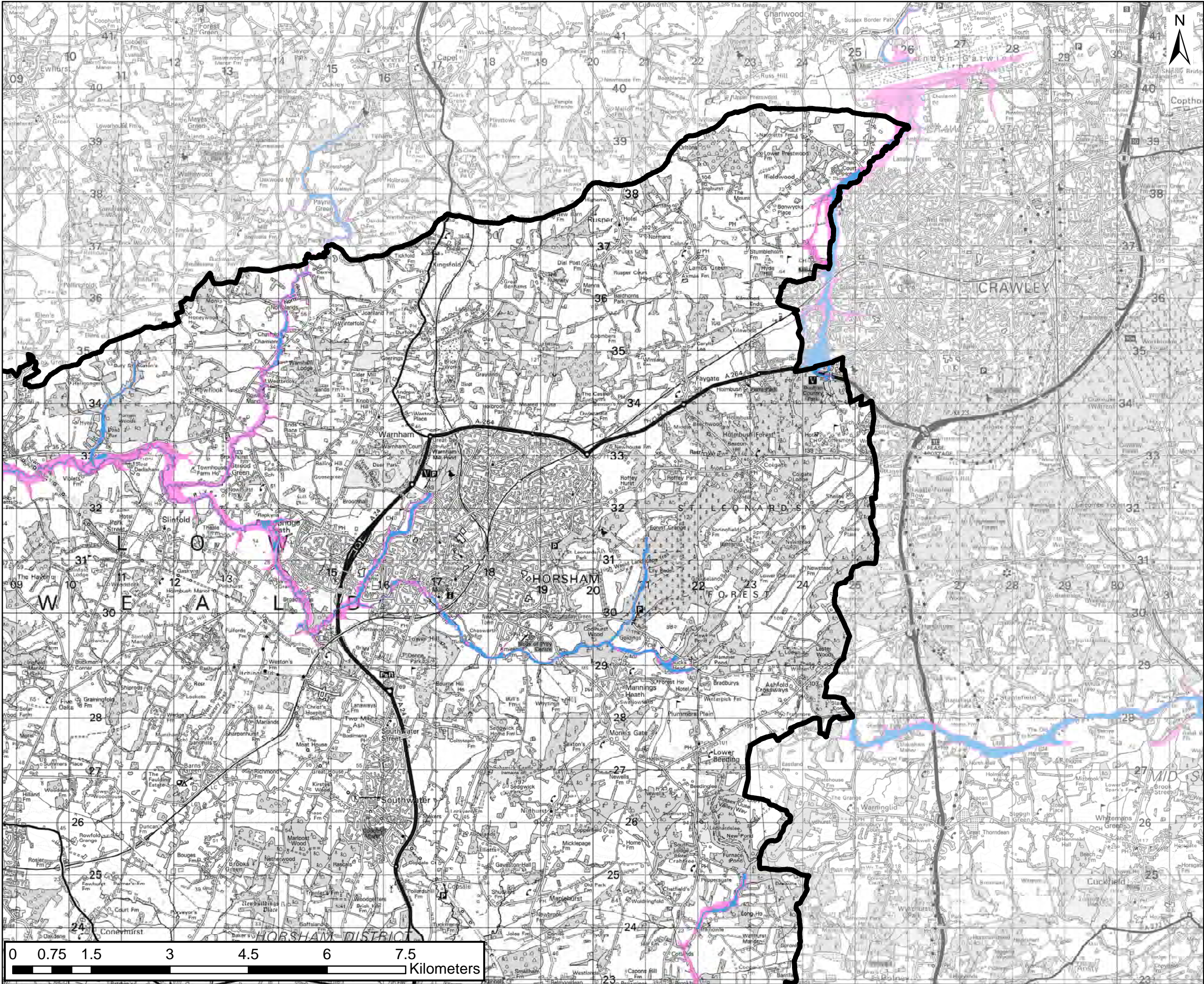
**ISSUE PURPOSE**  
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60730513

**FIGURE TITLE**  
Reservoir Flood Extent

**FIGURE NUMBER**  
Figure A10





## NOTES

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### FIGURE TITLE

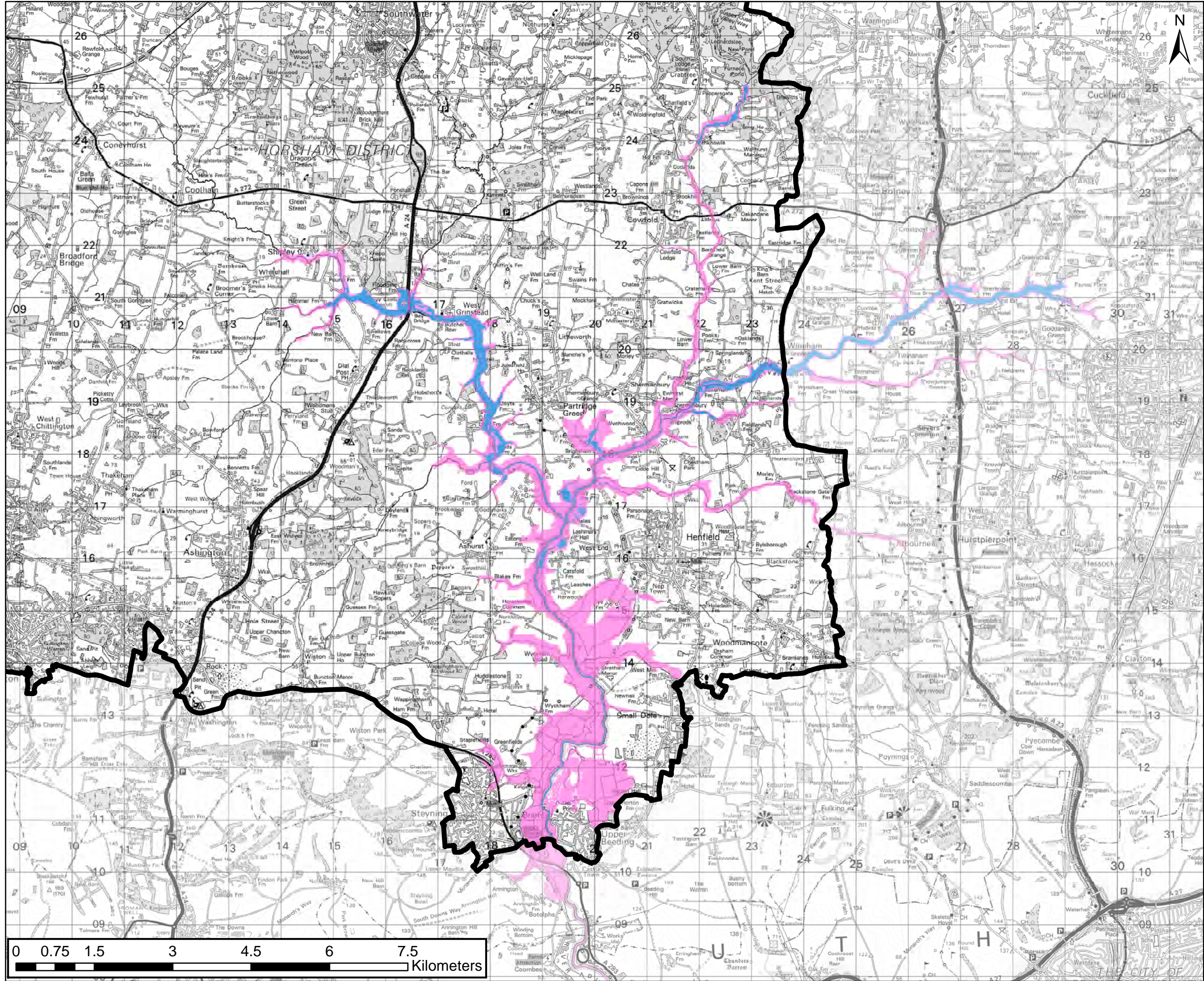
Reservoir Flood Extent

### FIGURE NUMBER

Figure A10-B

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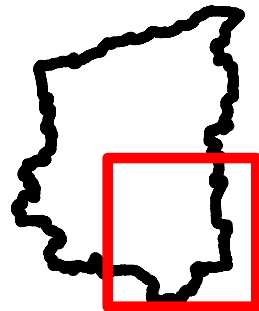
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LEGEND

- Horsham District Boundary
- Reservoir Dry Day Extent
- Reservoir Wet Day Extent



- NOTES**
- 1: This map shows the predicted maximum flood extents in the event that a reservoir was to fail and release the water held on both a "dry day" when local rivers are at normal levels and a "wet day" when local rivers have already overflowed their banks.
- 2: Each scenario presents a worst case scenario, however it is unlikely that any actual flood would be this large. This data gives no indication of the probability of reservoir flooding.
- 3: Flood extents for smaller reservoirs or reservoirs commissioned after October 2016 are not included.
- 4: This map is intended to provide a strategic overview of reservoir flood risk and should not be used to assess the flood risk for individual properties.
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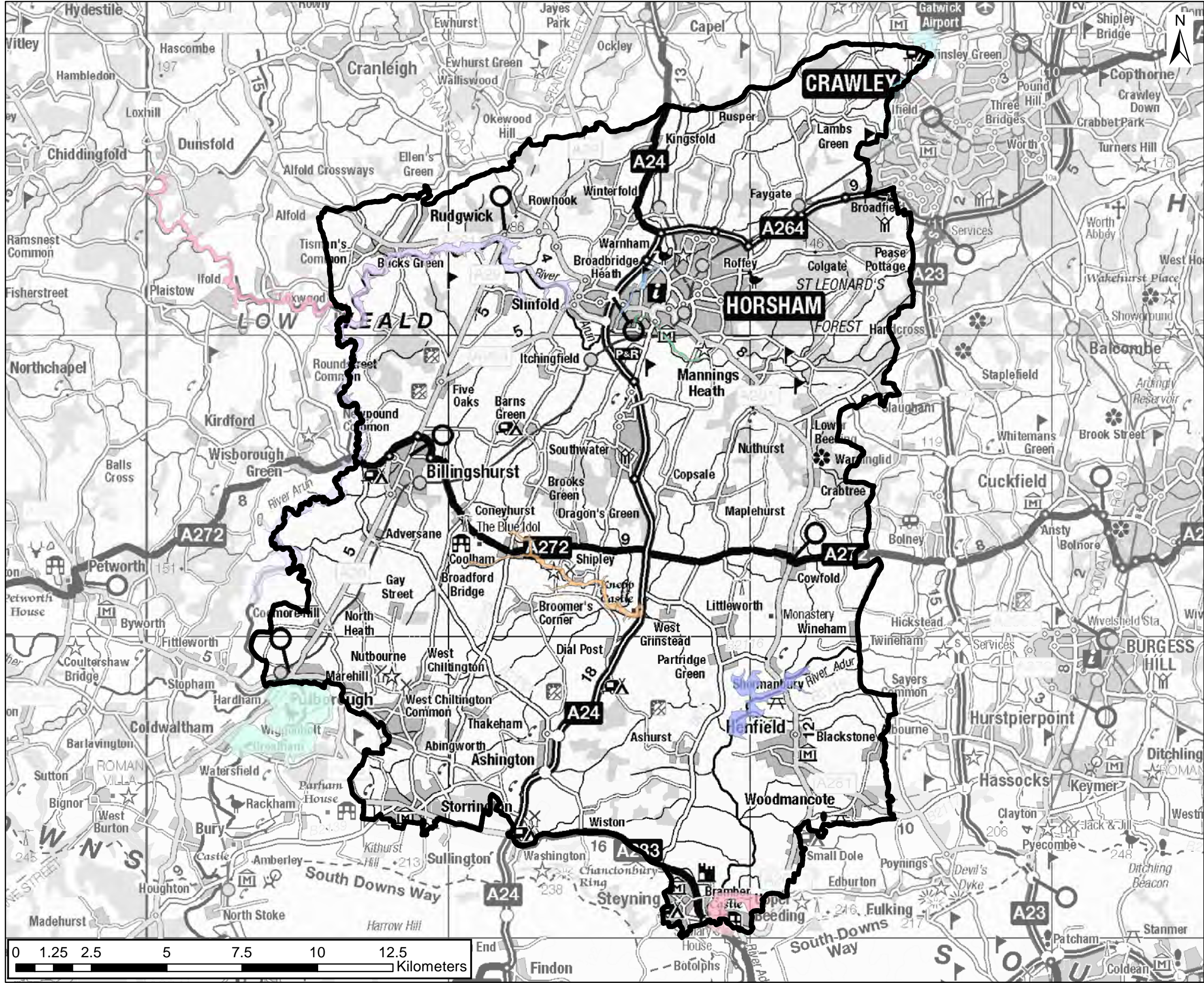
**FIGURE TITLE**

Reservoir Flood Extent

**FIGURE NUMBER**

Figure A10-D





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**LEGEND**

Horsham District Boundary

**Flood Warning Areas**

Broadbridge Heath to Pallingham Quay on the River Arun

Coolham and Shipley on the River Adur

Horsham on the Boldings Brook

Horsham on the River Arun

Ifield Brook and the River Mole at Ifield and the River Mole at Lowfield Heath

Loxwood, Brewhurst and Drungewick on the River Lox

Mock Bridge, near Shermanbury on the River Adur

Pulborough on the River

Shoreham Harbour

Slaughton to Ardingly on the River Ouse

Upper Beeding and Bramber on the River Adur

**NOTES**

1: This map shows the Flood Warning Areas that have been downloaded from the Defra Data Services website (<https://environment.data.gov.uk>).

2: The Flood Alert Areas are not shown in this figure as Flood Warnings take precedence over Flood Alerts.

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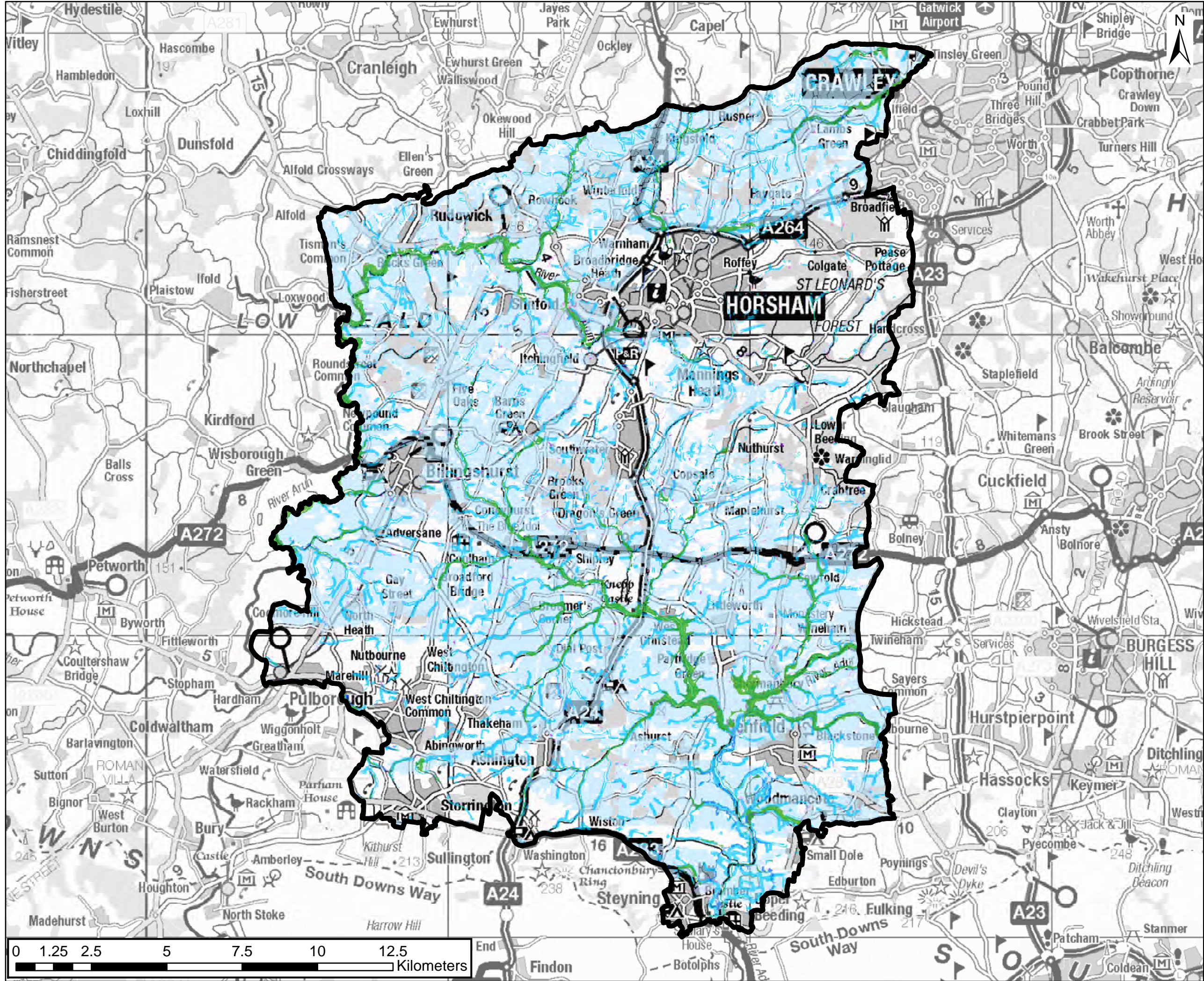
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**PROJECT NUMBER**  
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**FIGURE TITLE**  
Flood Warning Areas

**FIGURE NUMBER**  
Figure A11





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## LEGEND

- Horsham District Boundary
- Runoff Attenuation Features  
1% AEP
- Runoff Attenuation Features  
3.33% AEP
- Floodplain Woodland Potential
- Floodplain Reconnection  
Potential
- Riparian Woodland Potential
- Wider Catchment Woodland  
Potential

## NOTES

1: These datasets have been produced as part of the Mapping Potential for Working with Natural Processes (WWNP) research project. The project created a toolbox of mapped data and methods which enable operational staff in England to identify potential locations. WWNPs involves implementing measures that help to protect, restore and emulate the natural functions of catchments, floodplains, rivers and the coast. The WWNP datasets were downloaded from the DEFRA data services platform: <https://environment.data.gov.uk/>.

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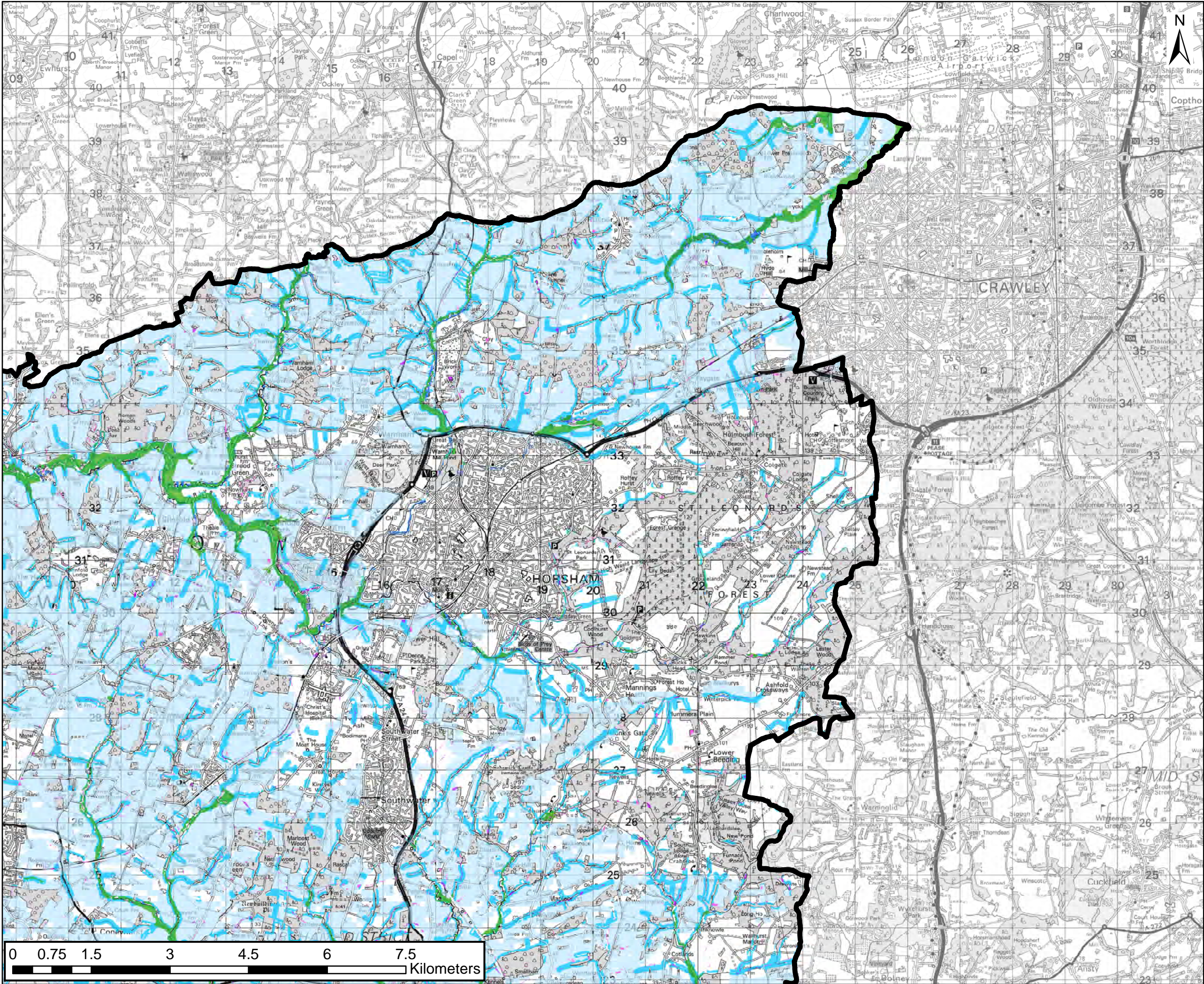
## FIGURE TITLE

Opportunities to Reduce the Causes  
and Impacts of Flooding

## FIGURE NUMBER

Figure A12





## PROJECT

Horsham District Council  
Level 1 Strategic Flood Risk  
Assessment

## CLIENT

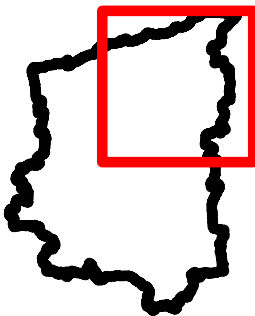
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## LEGEND

- Horsham District Boundary
- Runoff Attenuation Features  
1% AEP
- Runoff Attenuation Features  
3.33% AEP
- Floodplain Woodland Potential
- Floodplain Reconnection  
Potential
- Riparian Woodland Potential
- Wider Catchment Woodland  
Potential



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## ISSUE PURPOSE

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## PROJECT NUMBER

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## FIGURE TITLE

Opportunities to Reduce the Causes  
and Impacts of Flooding

## FIGURE NUMBER

Figure A12-B

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