

## Appendix A - Figures

Figure A1: Topography

Figure A2: Bedrock Geology

Figure A3: Watercourses and River Catchments

Figure A4: Environment Agency Recorded Flood Outlines

Figure A5: Sewer Flooding Incidents

Figure A6: Environment Agency Flood Zones

Figure A7: Future Fluvial and Tidal Flood Extent

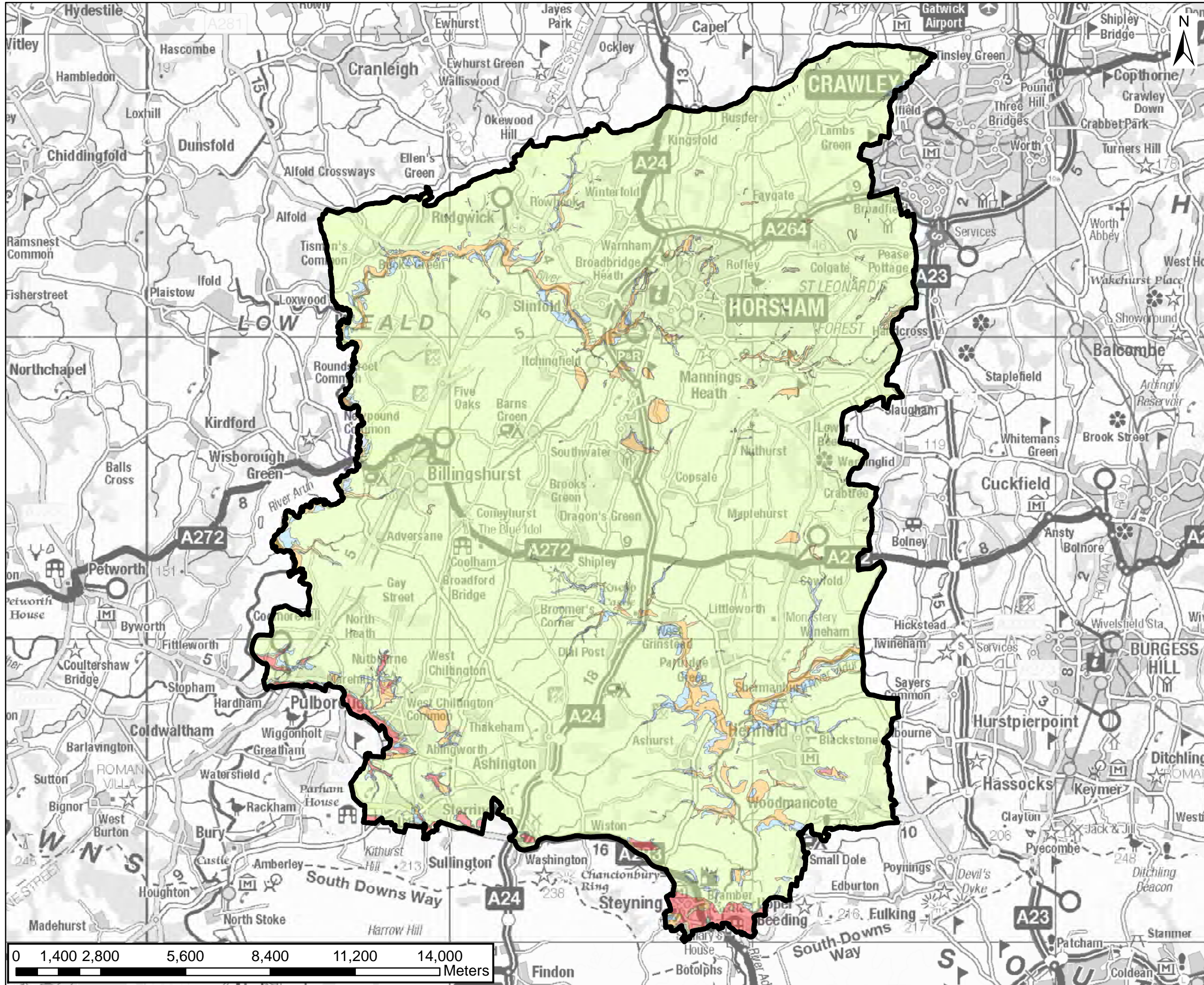
**Figure A8: Groundwater Flooding**

**Figure A9: Surface Water Extents**

Figure A10: Reservoir Flood Extents

Figure A11: Flood Warning Areas

Figure A12: Opportunities to Reduce the Causes and Impacts of Flooding



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

**CLIENT**  
 Horsham District Council

**CONSULTANT**

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- LEGEND**
- Horsham Boundary
  - Class 1
  - Class 2
  - Class 3
  - Class 4

- NOTES**
- 1: This map shows the 2019 GeoSmart Groundwater Flood Risk dataset which covers the UK in a 5m grid resolution.
  - 2: There are four classes of risk: Class 4 - Negligible, Class 3 - Low, Class 2 - Moderate, Class 1 - High. Refer to the SFRA Report for further detail on the classes and how they have been defined.
  - 3: This map is a general purpose indicative screening tool, and is intended to provide a useful initial view for a wide variety of applications. However, it does not provide an alternative to a proper site-specific assessment, and a detailed risk assessment should be used for any site where the impact of groundwater flooding would have significant adverse consequences.

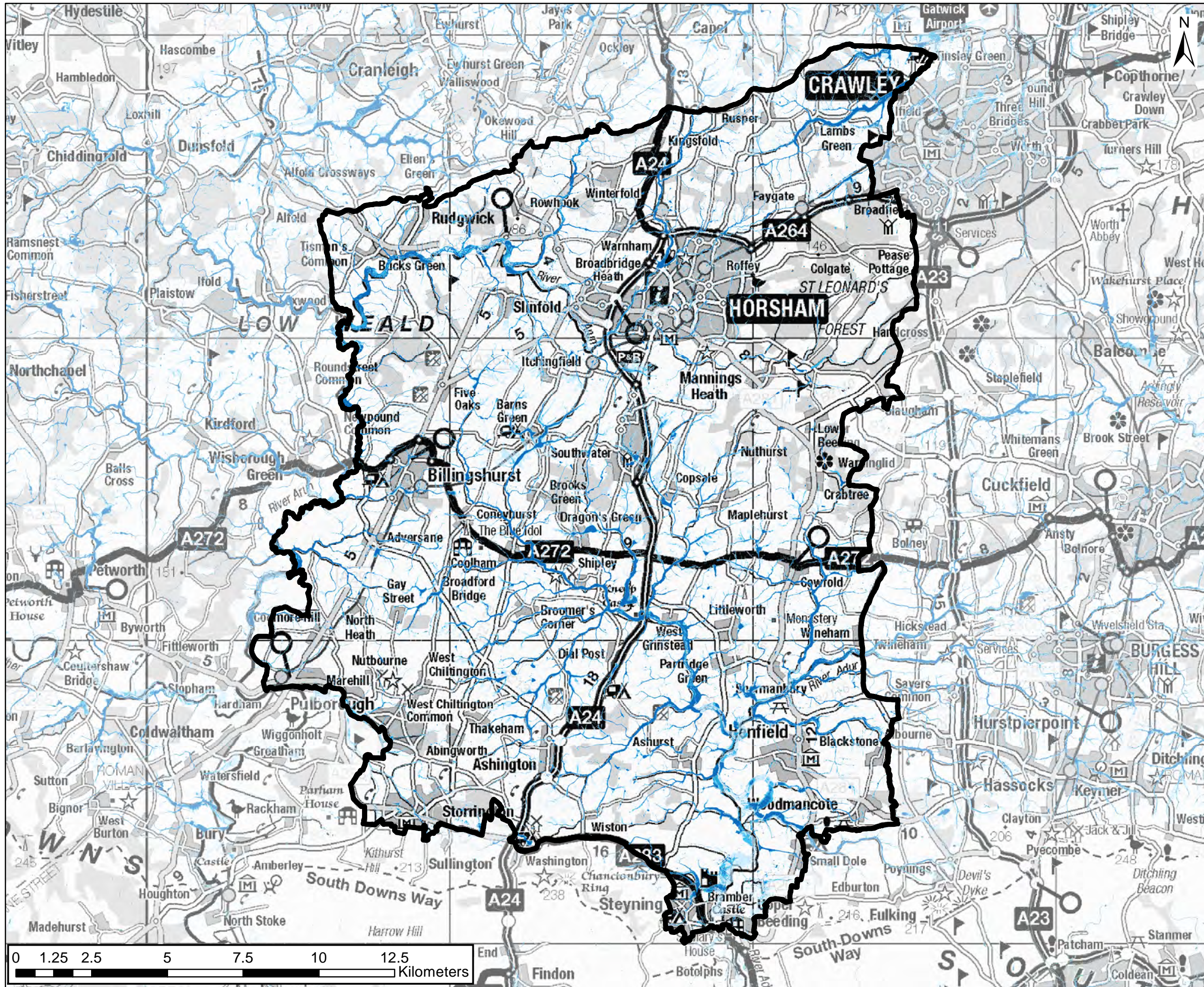
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**FIGURE TITLE**  
 Groundwater Flooding

**FIGURE NUMBER**  
 Figure A8



**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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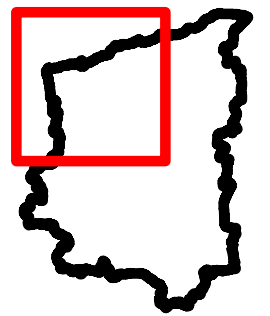
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**FIGURE TITLE**

Risk of Flooding from Surface Water

**FIGURE NUMBER**

Figure A9



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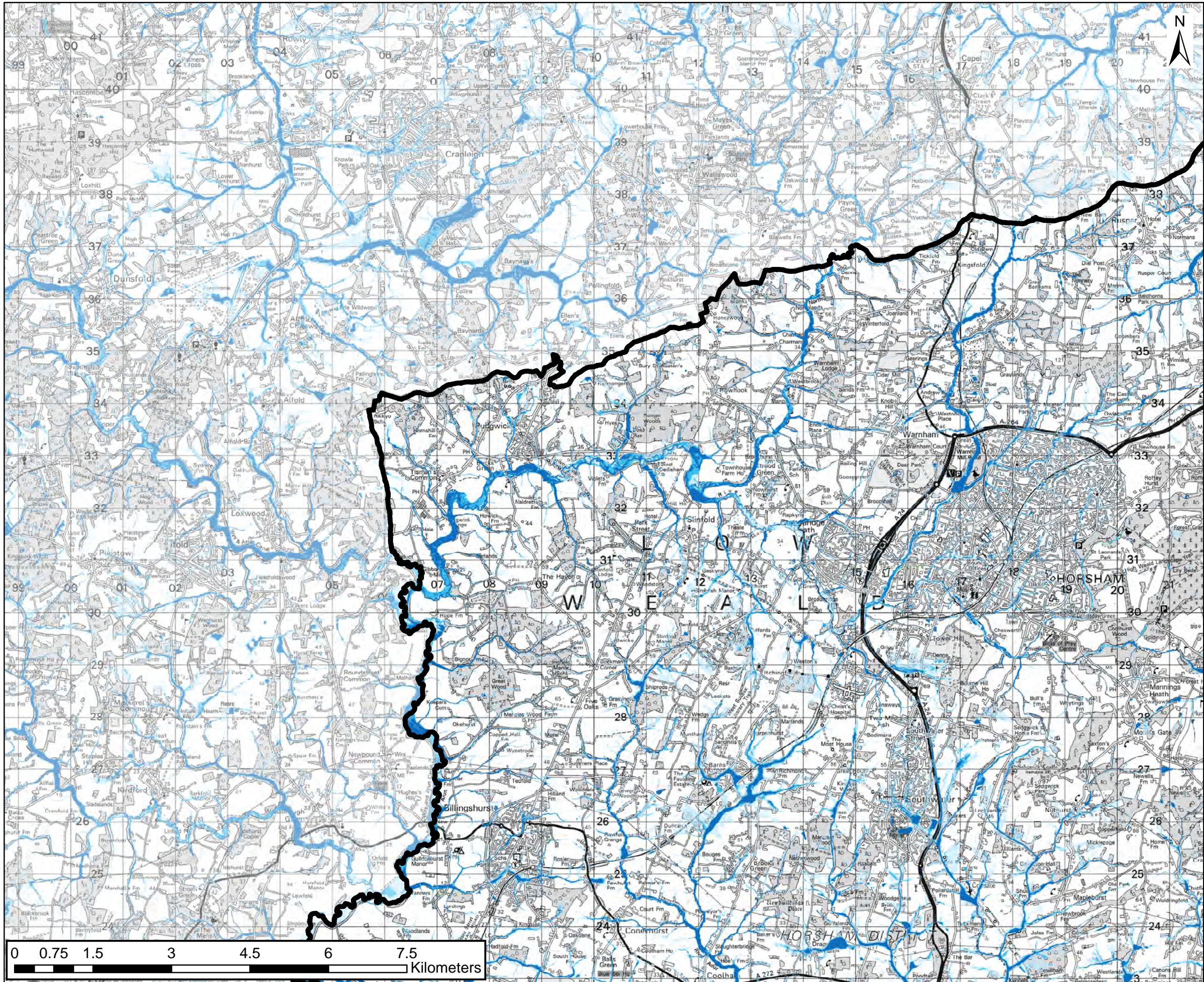
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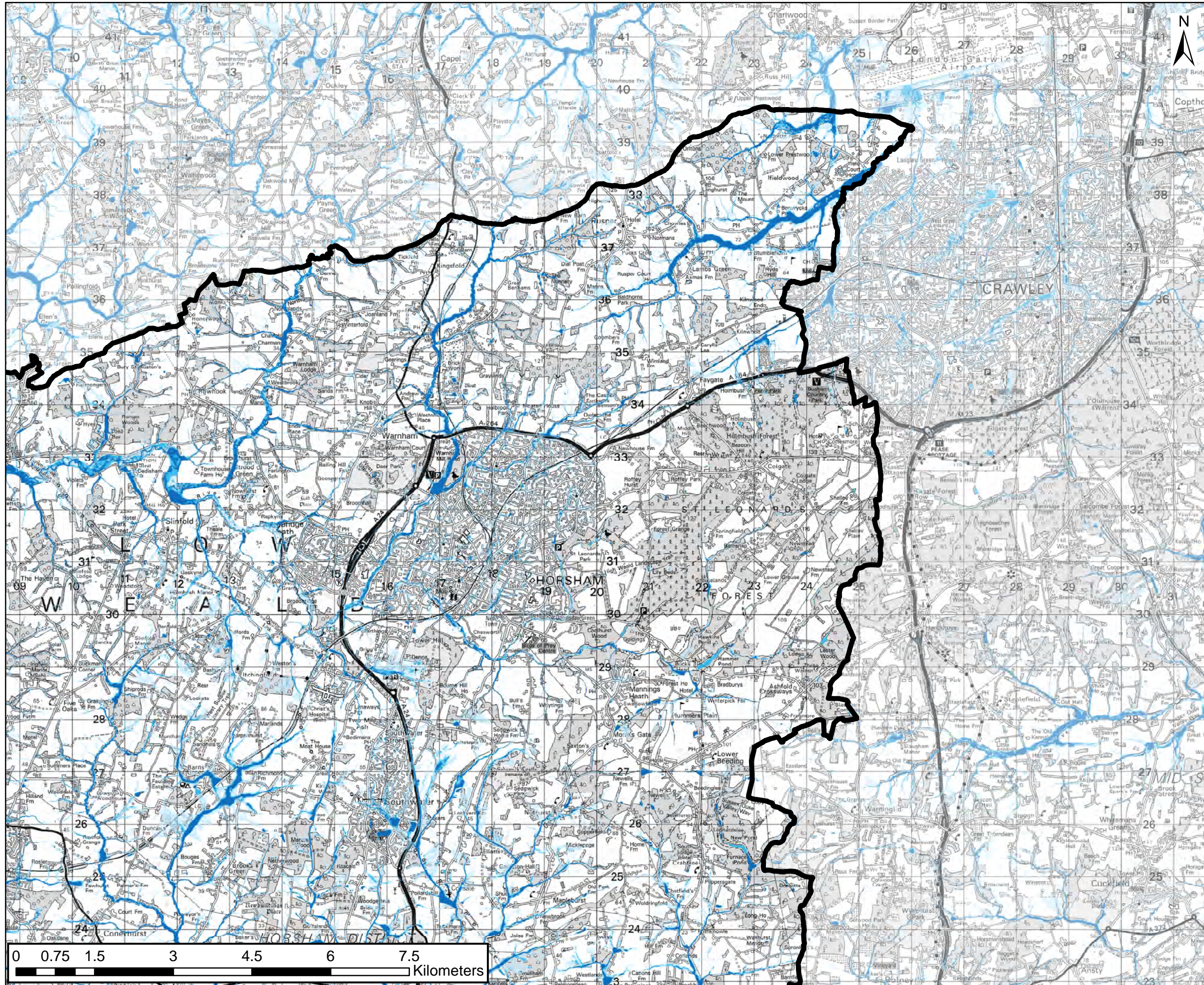
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**FIGURE TITLE**  
Risk of Flooding from Surface Water

**FIGURE NUMBER**  
Figure A9-A





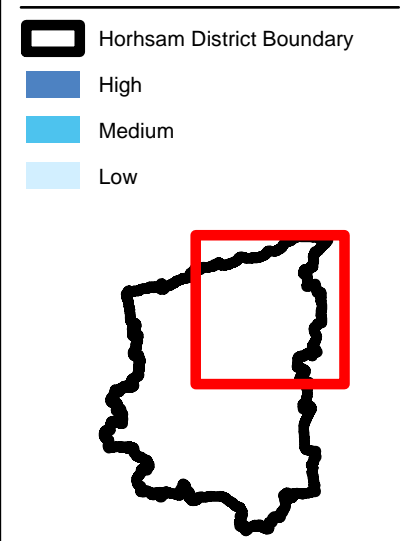
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**LEGEND**

- Horsham District Boundary
- High
- Medium
- Low



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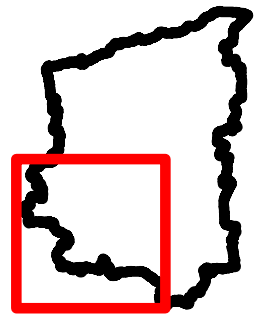
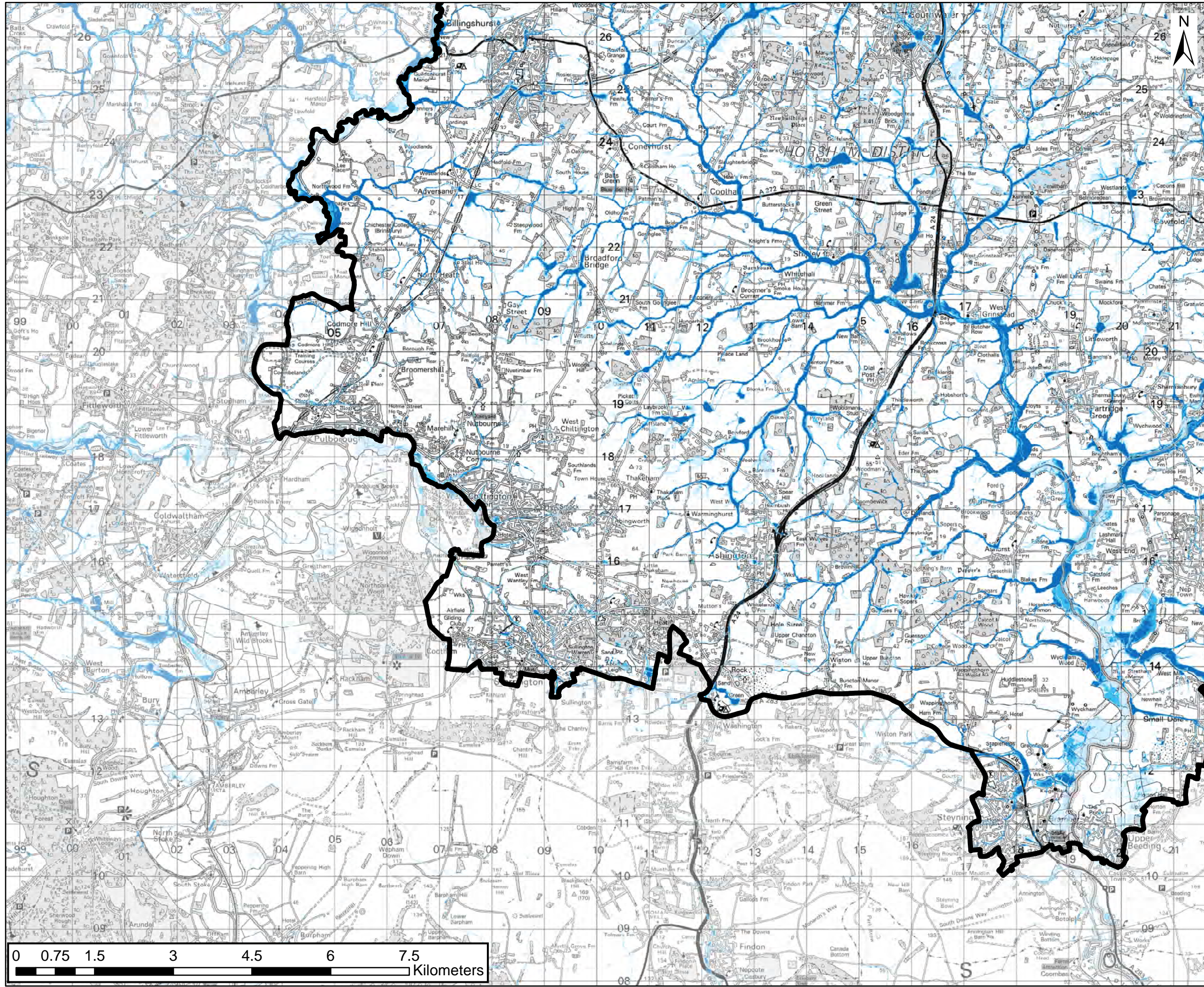
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**FIGURE TITLE**  
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 Figure A9-B

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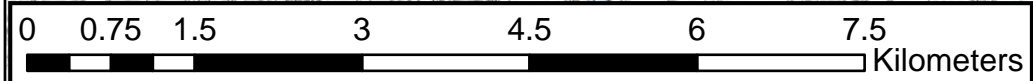
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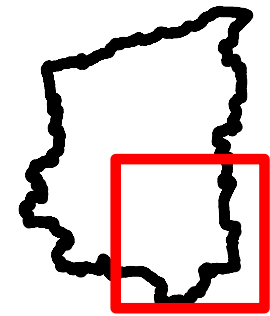
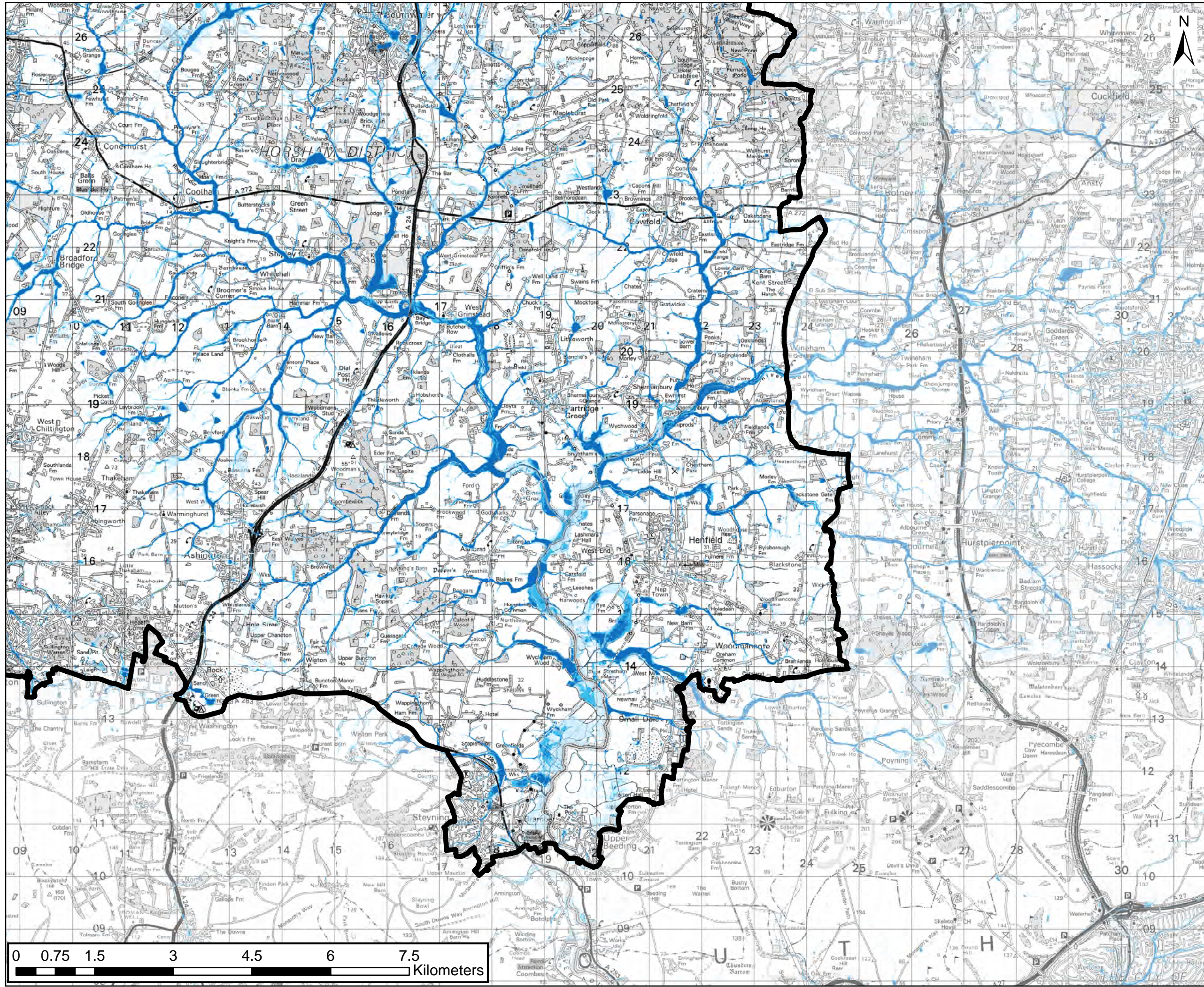
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**FIGURE TITLE**  
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**FIGURE NUMBER**  
 Figure A9-C



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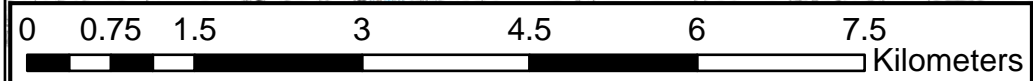
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**FIGURE TITLE**  
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