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

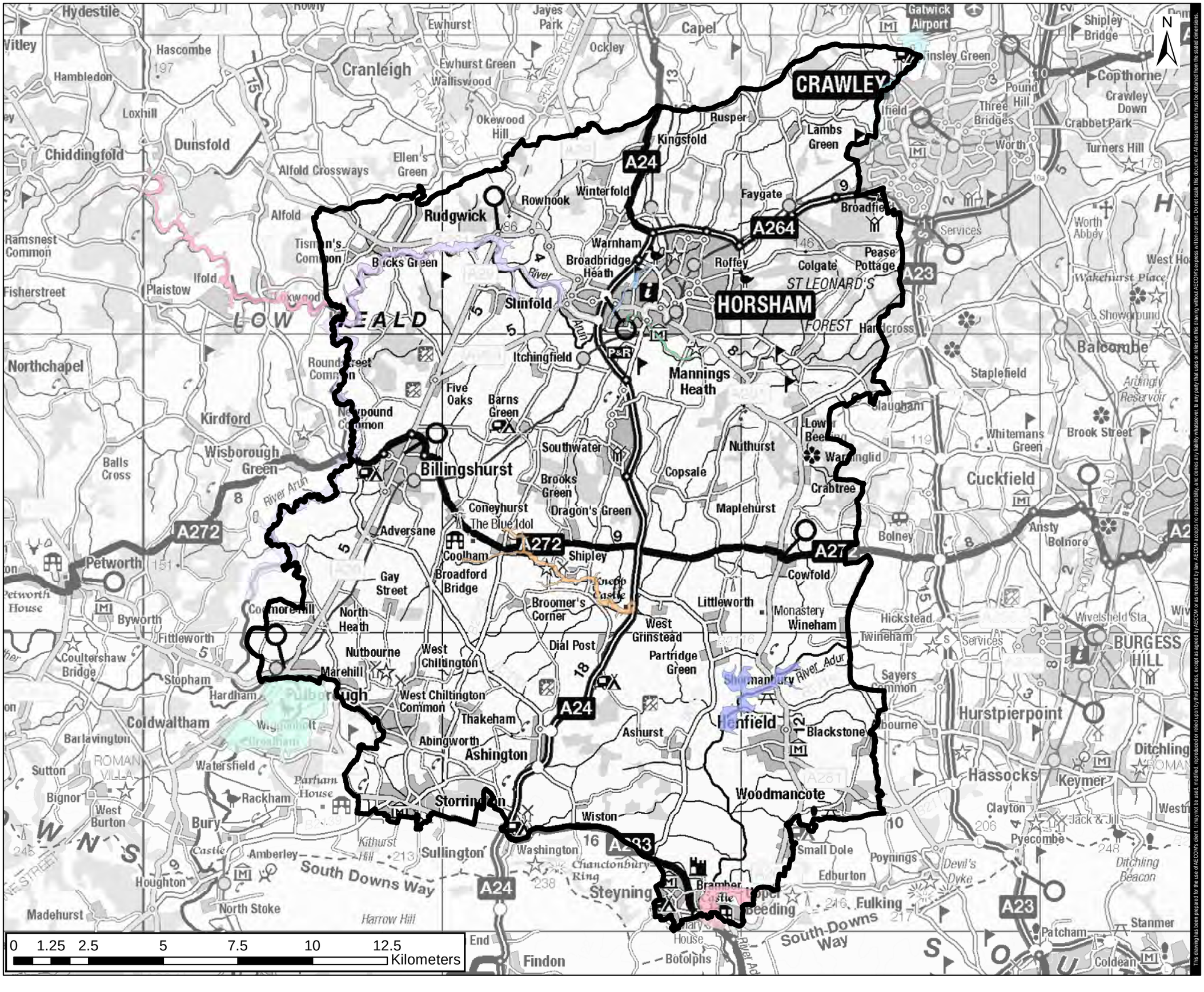
Figure A9: Surface Water Extents

Figure A10: Reservoir Flood Extents

Figure A11: Flood Warning Areas

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

Revision: 1 Drawn: AH Checked: LM/EC Approved: RM Date: 2024-08-05



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Horsham District Council Level 1 Strategic Flood Risk Assessment

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Horsham District Council

CONSULTANT

AECOM Limited
3rd Floor Portwall Place
Portwall Lane
Bristol, United Kingdom
T +44 (0)117 315 0700

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
- Slaugham 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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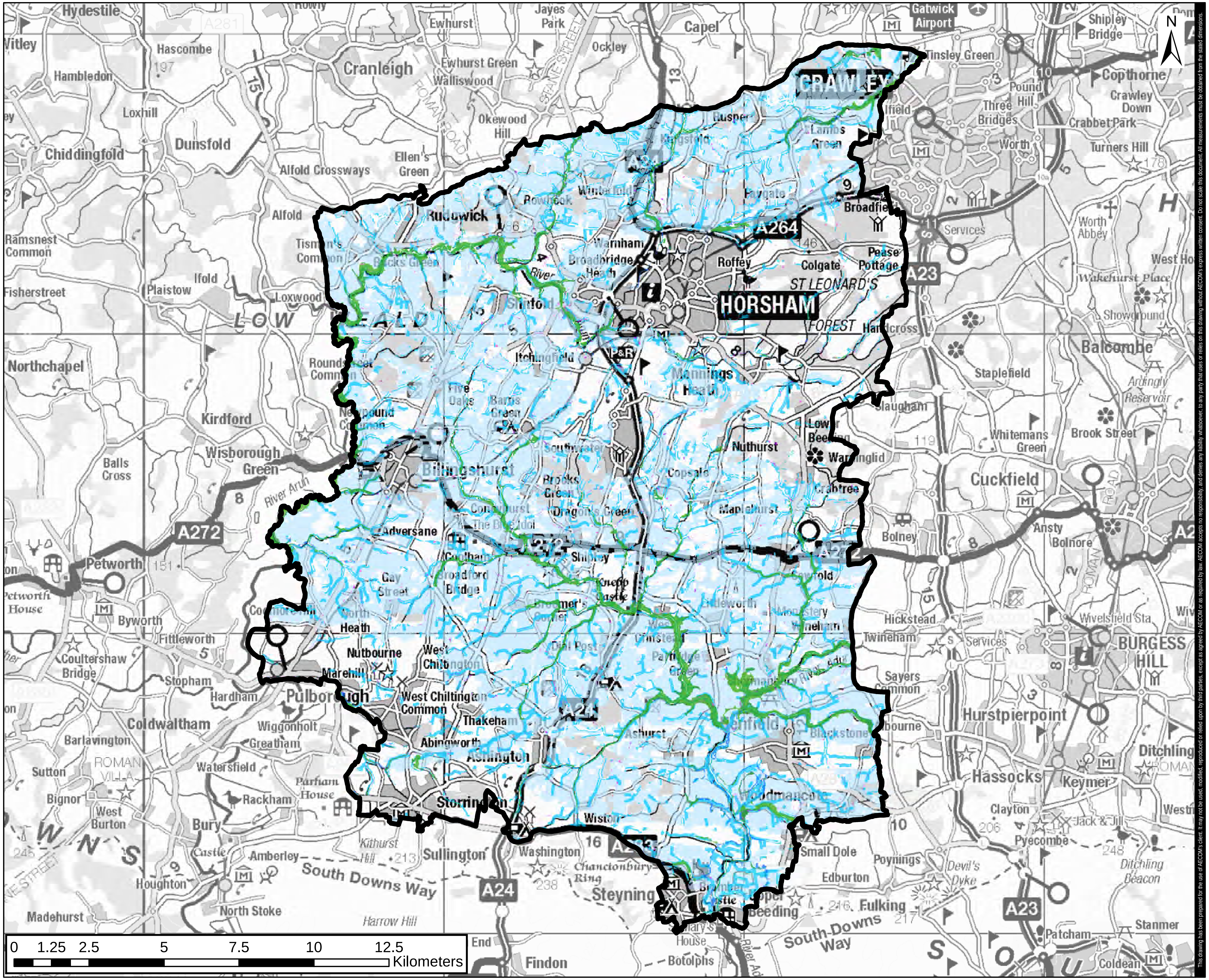
FIGURE TITLE

Flood Warning Areas

FIGURE NUMBER

Figure A11

Revision: 1 Drawn: AH Checked: LM/EC Approved: RM Date: 2024-08-05



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3rd Floor Portwall Place
Portwall Lane
Bristol, United Kingdom
T +44 (0)117 315 0700

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

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Revision: 1 Drawn: AH Checked: LM/EC Approved: RM Date: 2024-08-05

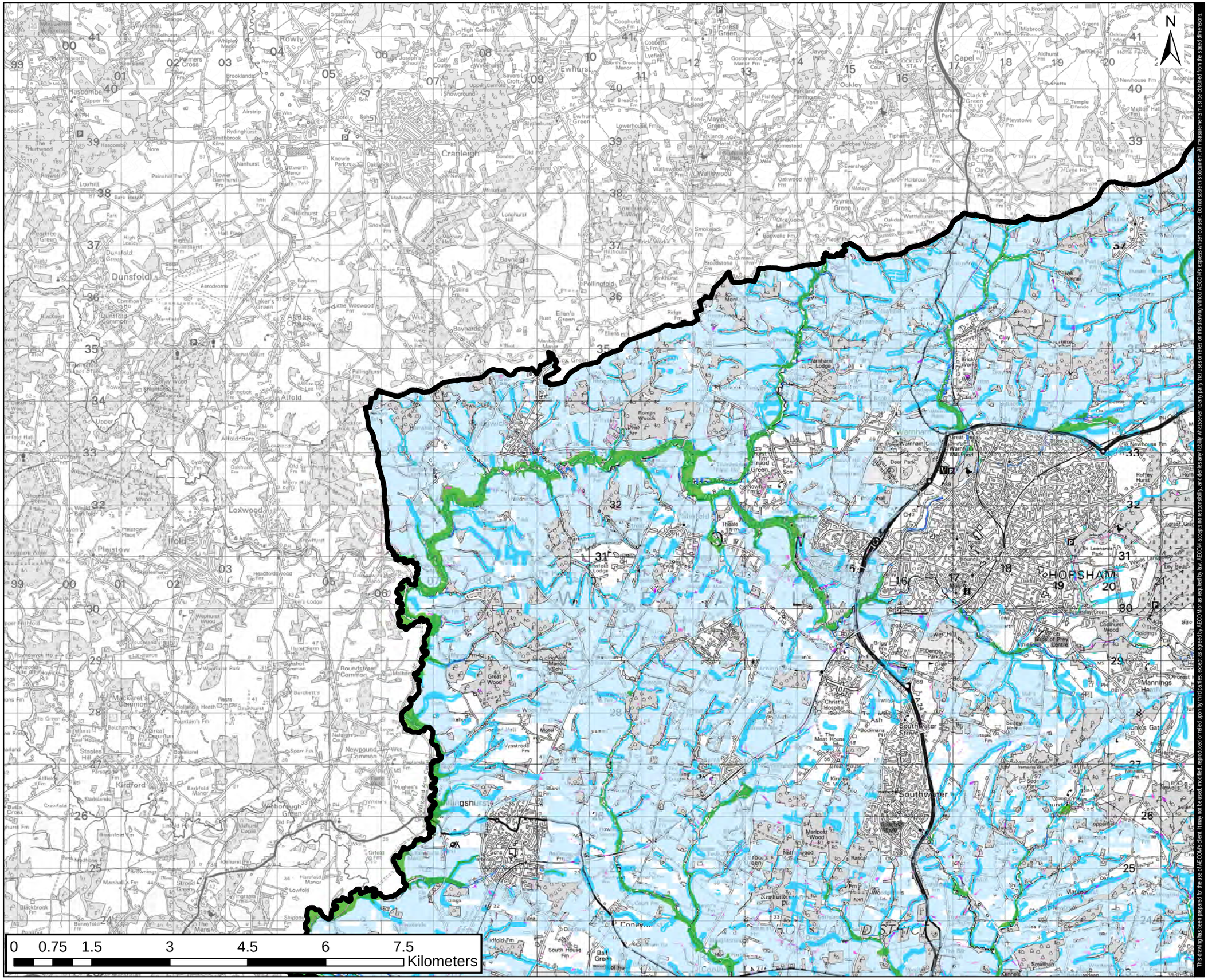

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FIGURE TITLE

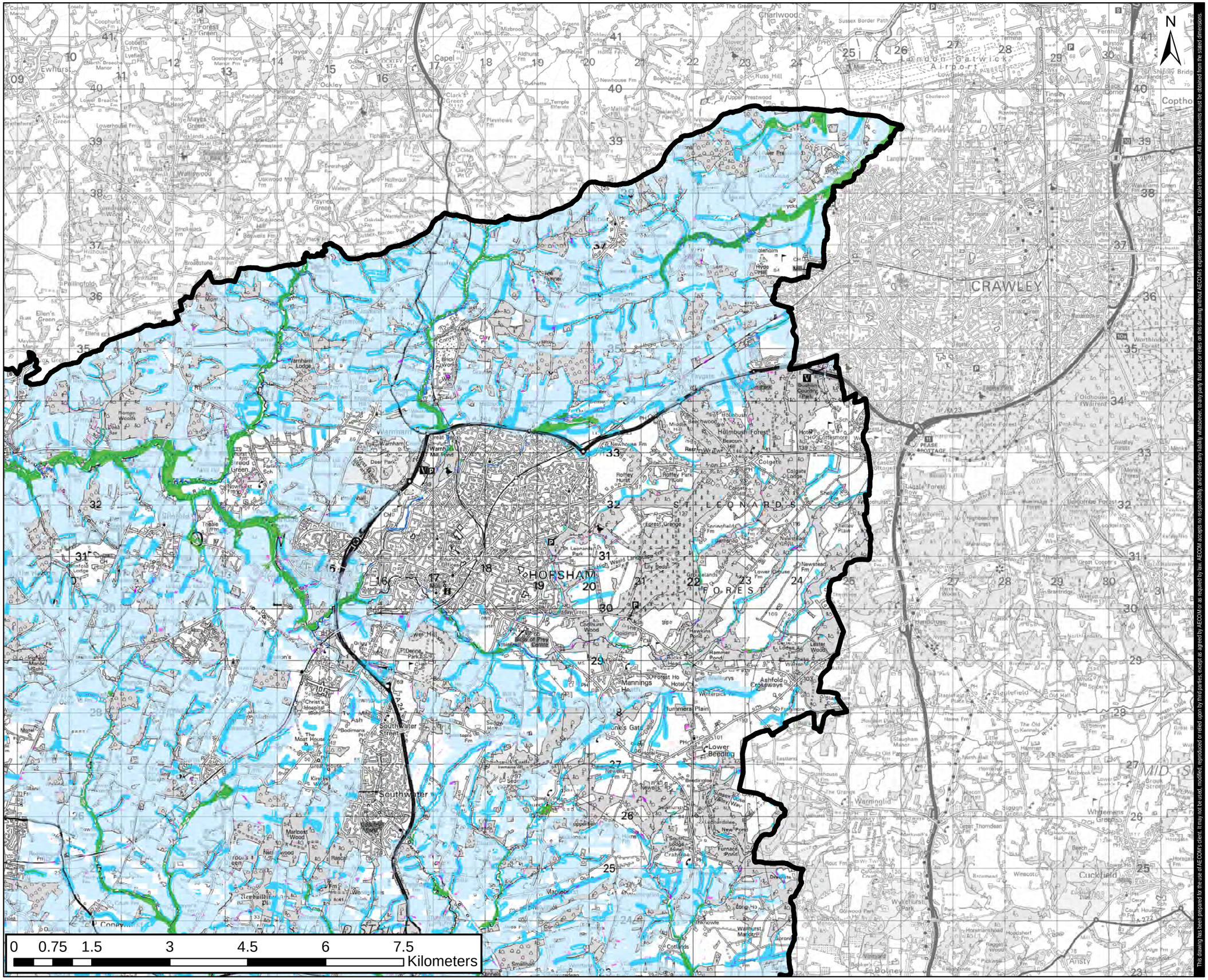
Opportunities to Reduce the Causes and Impacts of Flooding

FIGURE NUMBER

Figure A12-A

Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxds\HSFRA_L1_Figure12X_WWNP - Copy.mxd

Revision: 1 Drawn: AH Checked: LM/EC Approved: RM Date: 2024-08-05



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AECOM Limited
3rd Floor Portwall Place
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T +44 (0)117 315 0700

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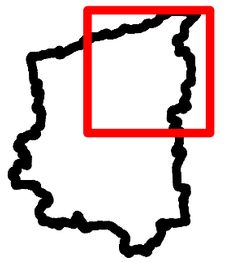

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FIGURE TITLE

Opportunities to Reduce the Causes and Impacts of Flooding

FIGURE NUMBER

Figure A12-B

Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxds\HSFRA_L1_Figure12X_WWNP - Copy.mxd

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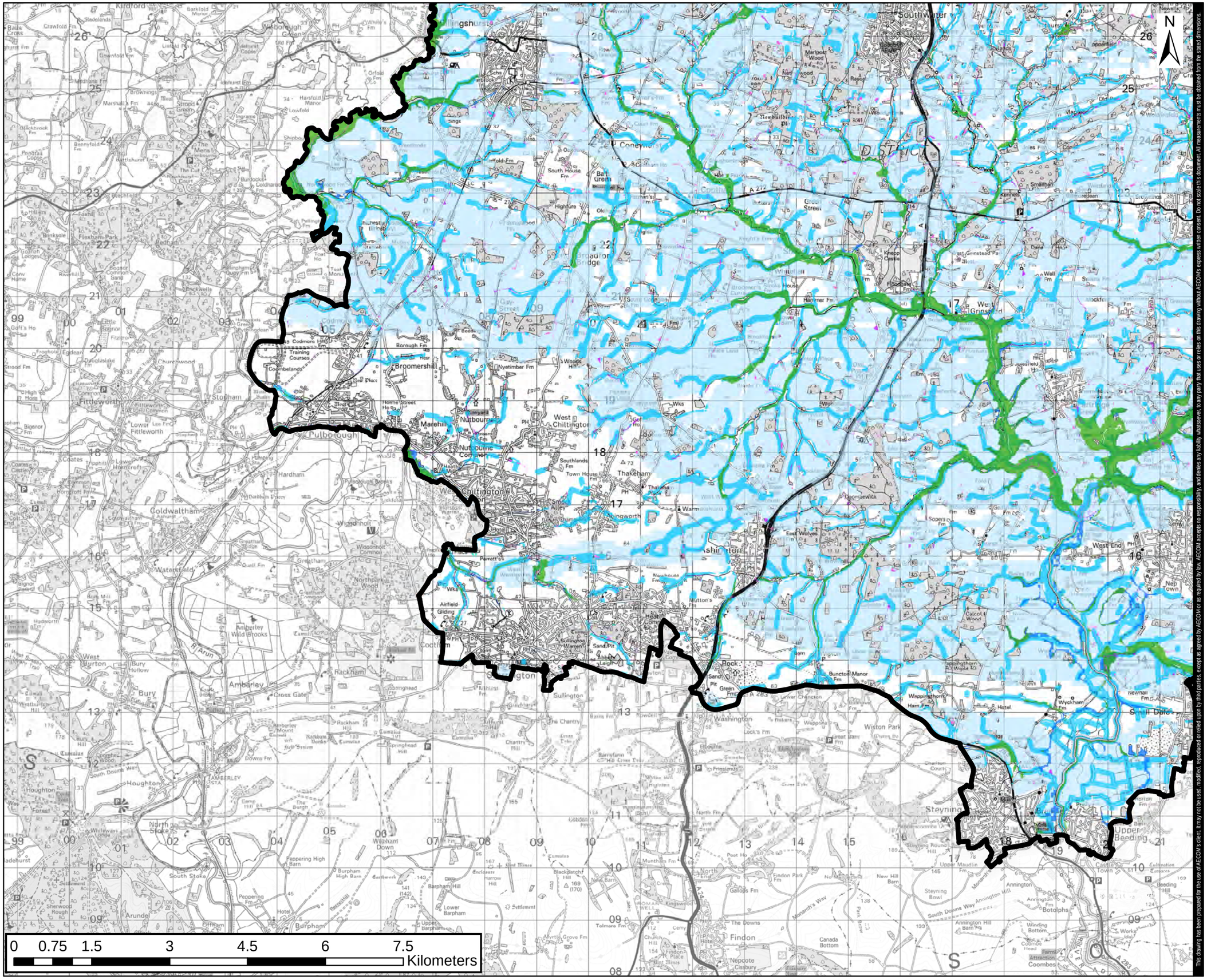

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Horsham District Council

CONSULTANT

AECOM Limited
3rd Floor Portwall Place
Portwall Lane
Bristol, United Kingdom
T +44 (0)117 315 0700

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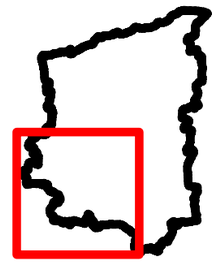

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60730513

FIGURE TITLE

Opportunities to Reduce the Causes and Impacts of Flooding

FIGURE NUMBER

Figure A12-C

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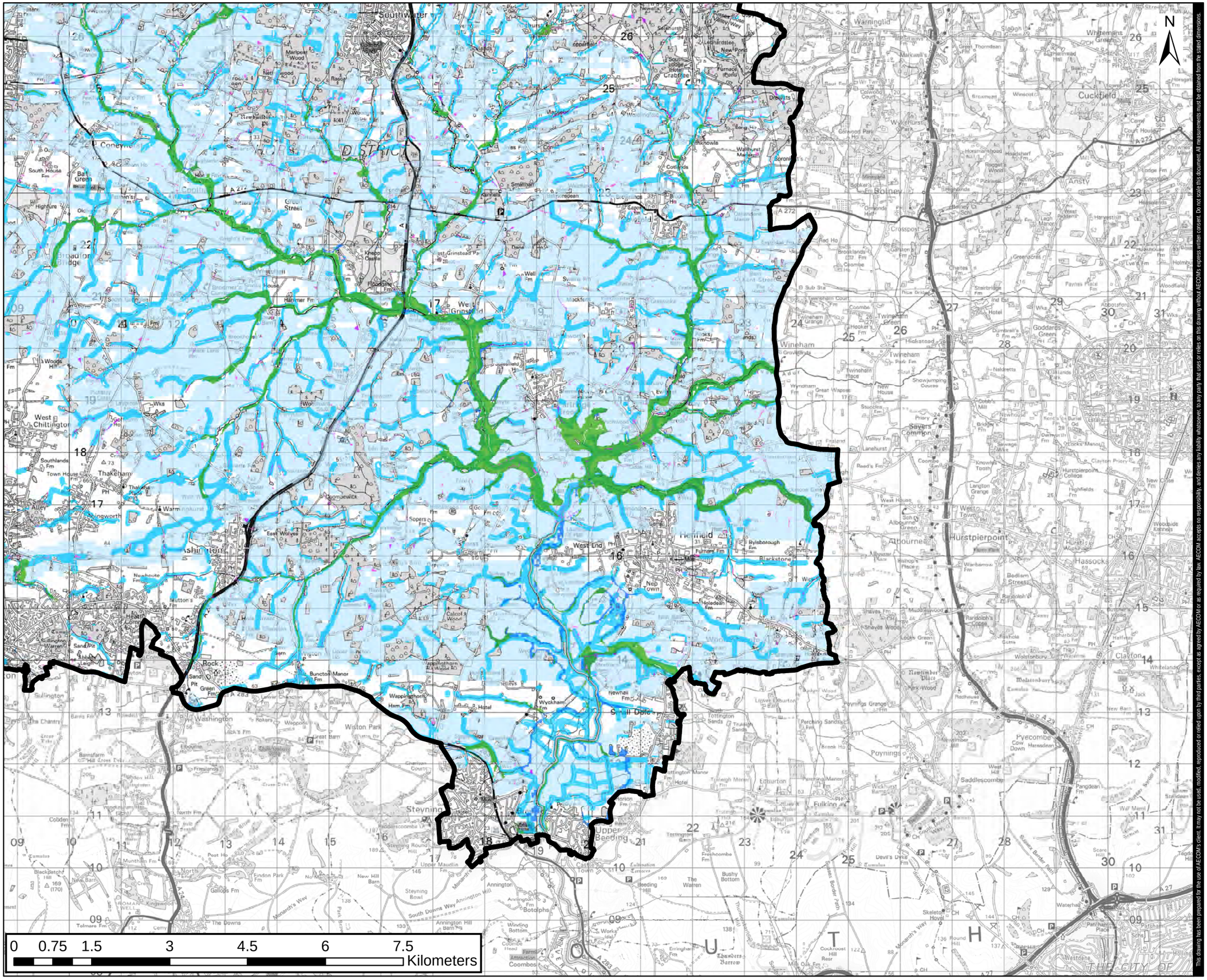

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CONSULTANT

AECOM Limited
3rd Floor Portwall Place
Portwall Lane
Bristol, United Kingdom
T +44 (0)117 315 0700

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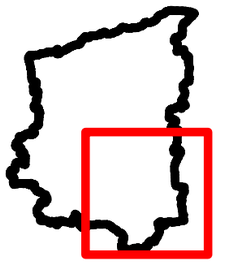

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FIGURE TITLE

Opportunities to Reduce the Causes and Impacts of Flooding

FIGURE NUMBER

Figure A12-D

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