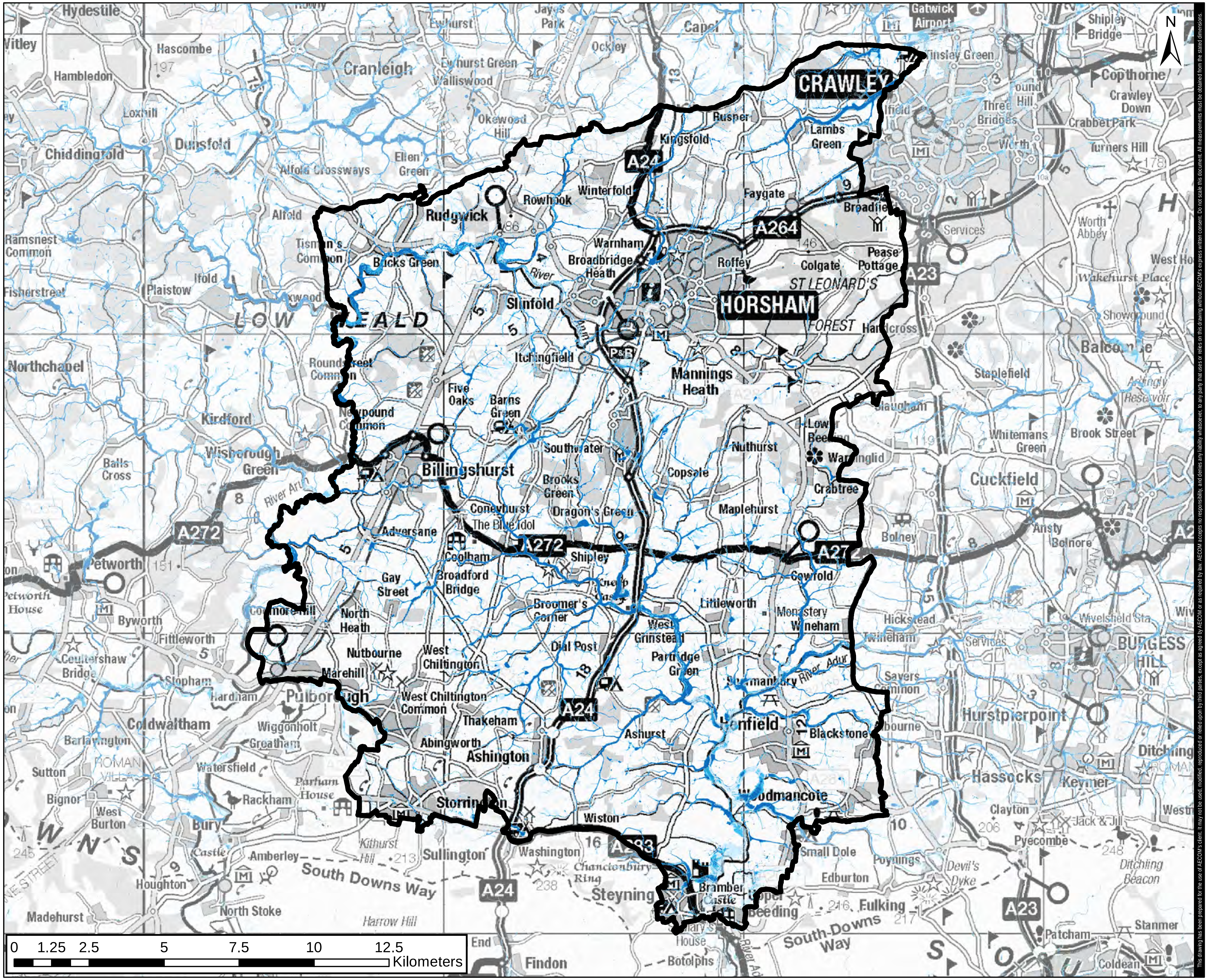
Revision: 1 Drawn: AH Checked: LM/EC Approved: RM Date: 2024-08-05



![AECOM]

PROJECT

Horsham District Council
Level 1 Strategic Flood Risk Assessment

CLIENT

Horsham District Council

CONSULTANT

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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 Exceedence 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.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

FIGURE TITLE

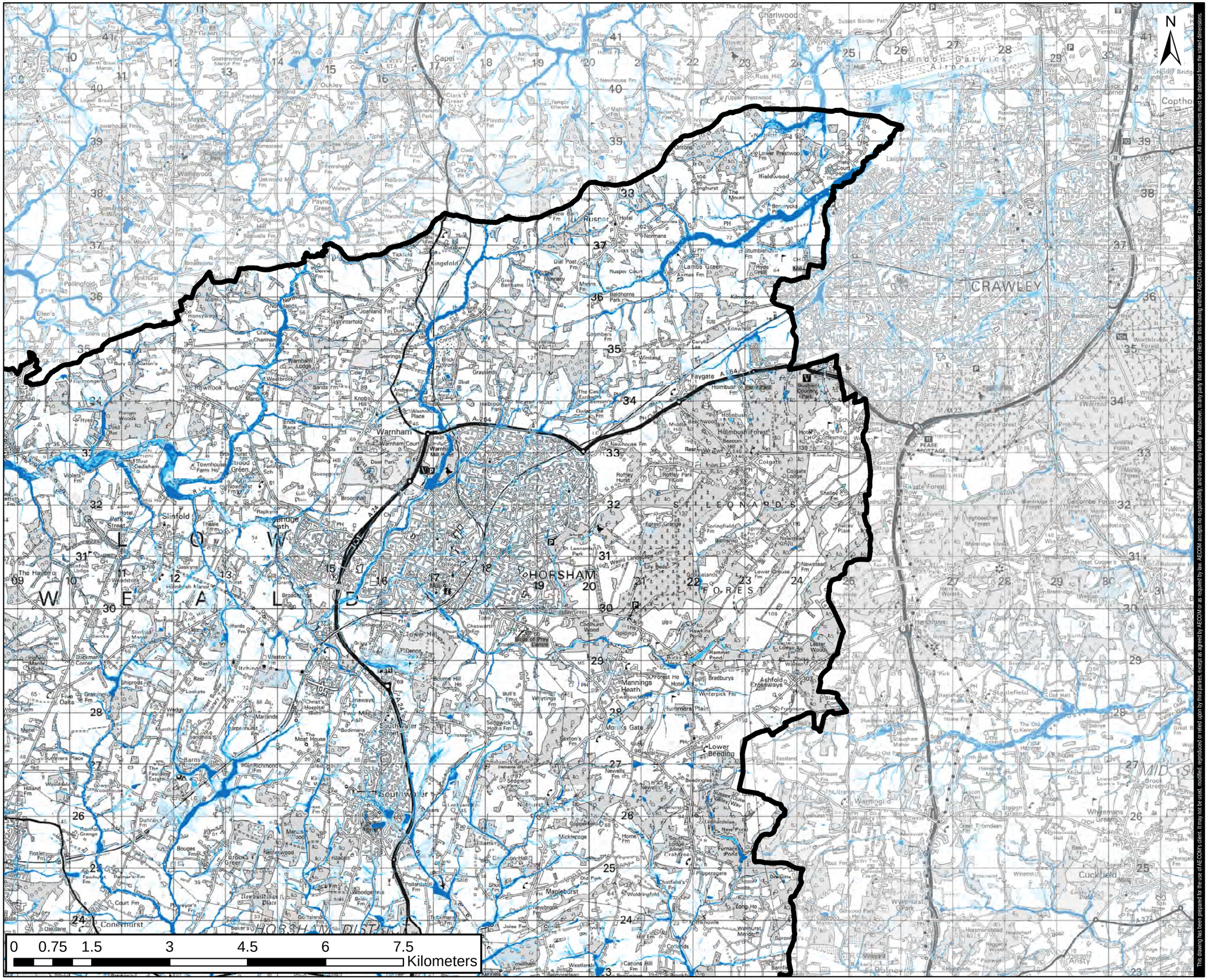
Risk of Flooding from Surface Water

FIGURE NUMBER

Figure A9

Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxds\HSFRA_L1_Figure9_Surface_Water_Extents.mxd

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



Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxds\HSFRA_L1_Figure9X_Surface_Water_Extents_01.mxd

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Horsham District Council Level 1 Strategic Flood Risk Assessment

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LEGEND

- Horhsam District Boundary
- High
- Medium
- Low

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

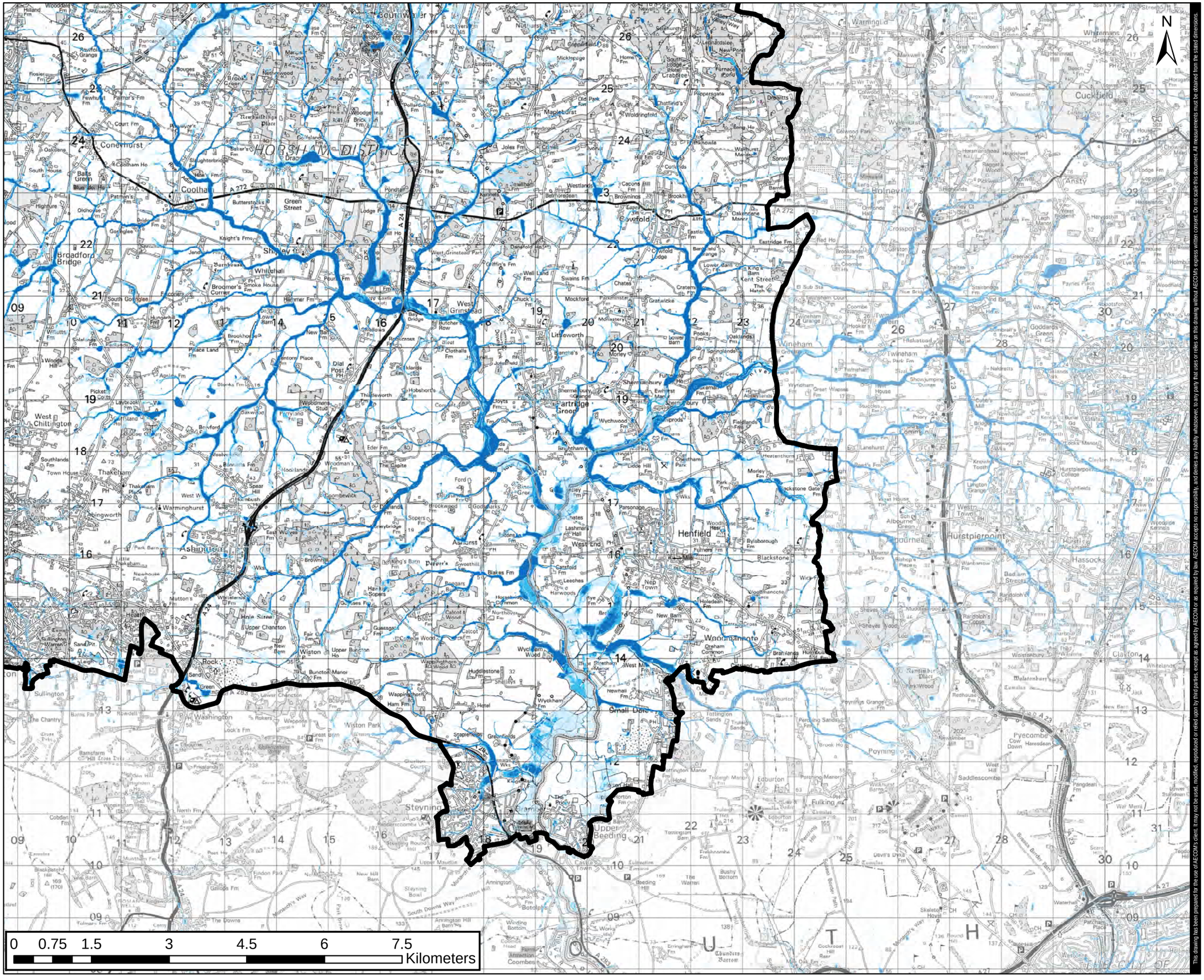
FIGURE TITLE

Risk of Flooding from Surface Water

FIGURE NUMBER

Figure A9-B

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



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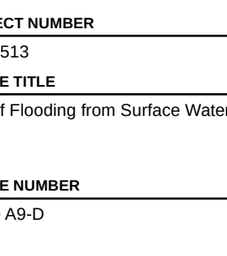
LEGEND

- Horhsam District Boundary
- High
- Medium
- Low



NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

FIGURE TITLE

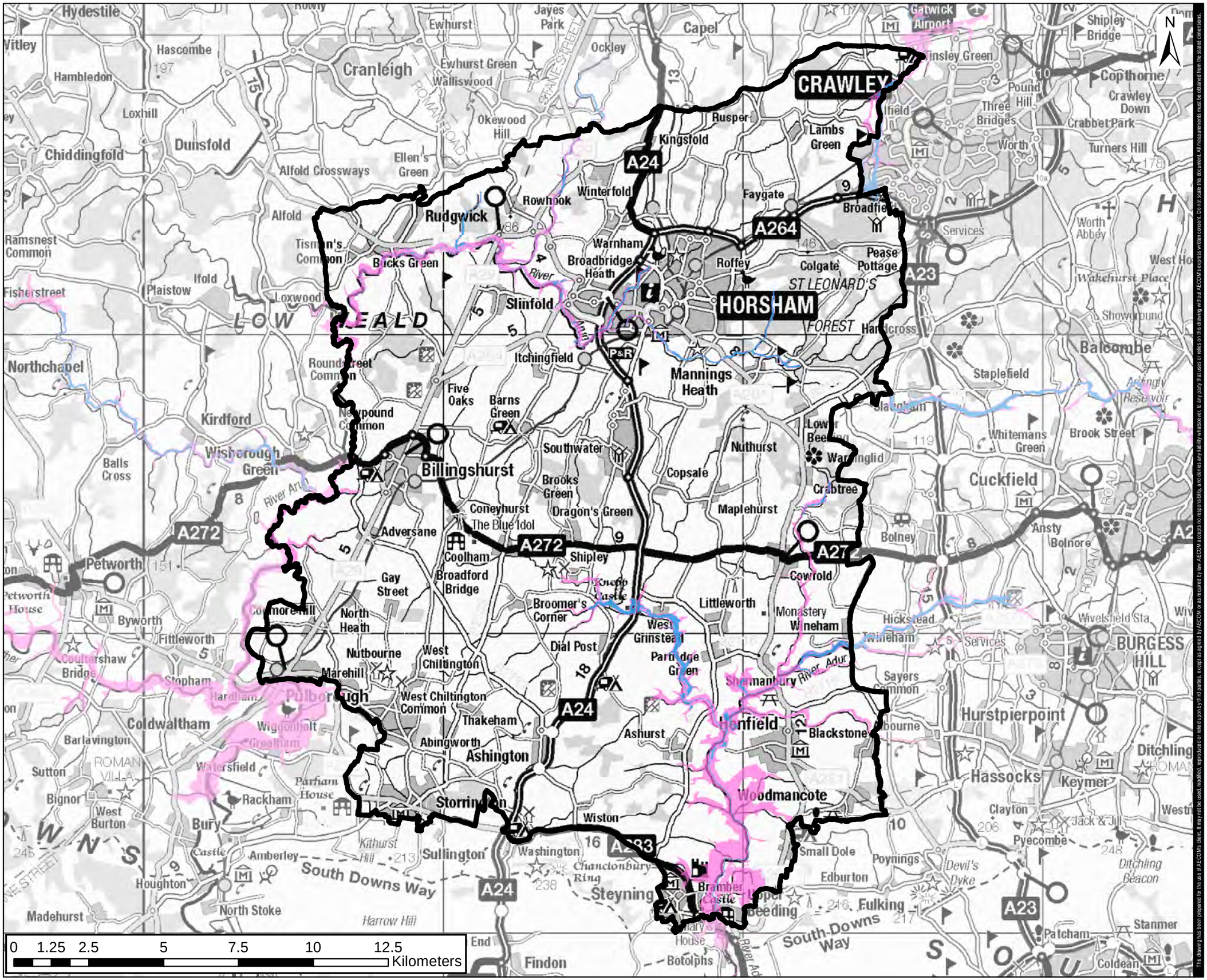
Risk of Flooding from Surface Water

FIGURE NUMBER

Figure A9-D

Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxds\HSFRA_L1_Figure9X_Surface_Water_Extents_01.mxd

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



Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxd\HSFRA_L1_Figure10_Reservoir_Flood_Extents.mxd

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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.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

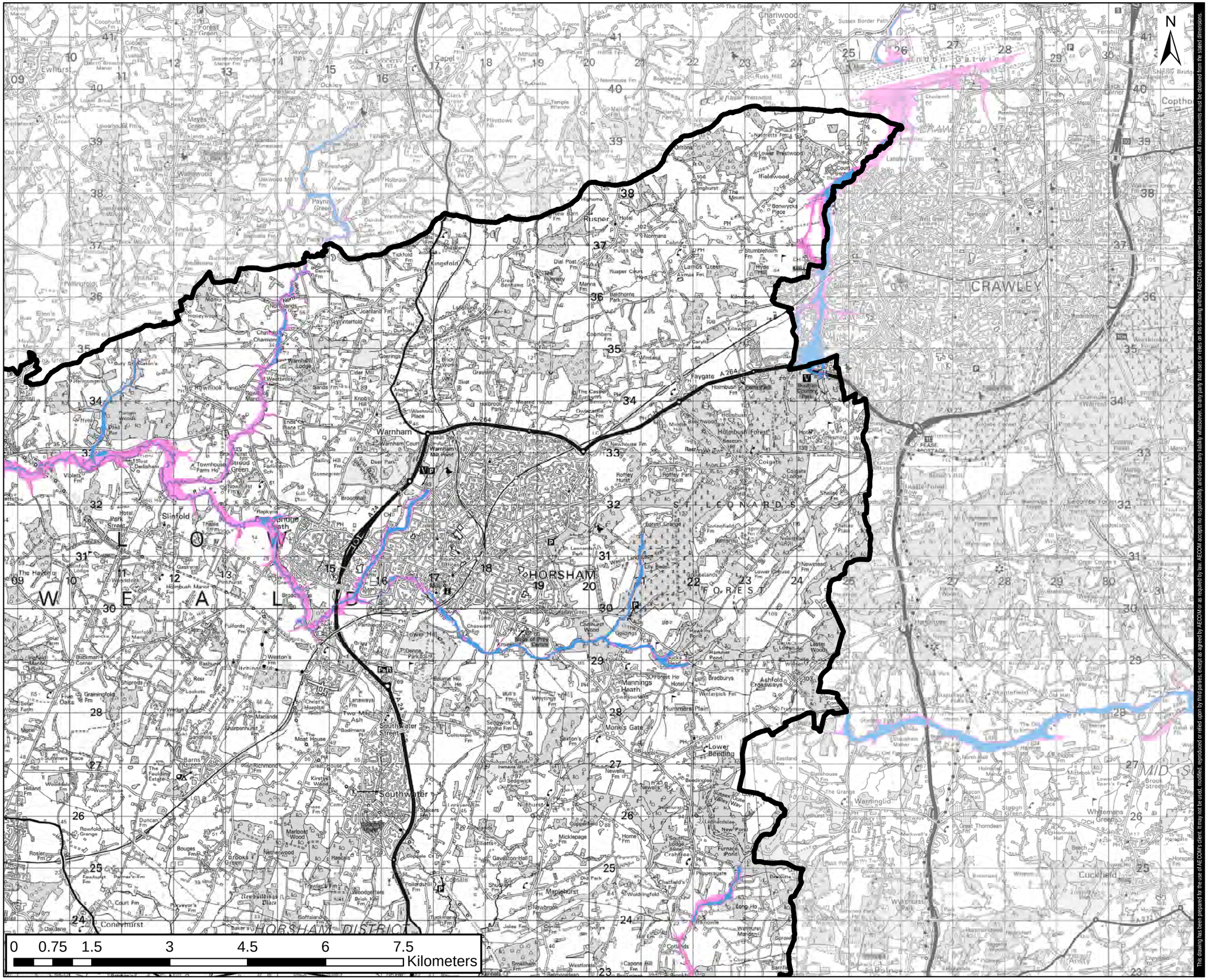
FIGURE TITLE

Reservoir Flood Extent

FIGURE NUMBER

Figure A10

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



Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxd\HSFRA_L1_Figure10X_Reservoir_Flood_Extents.mxd

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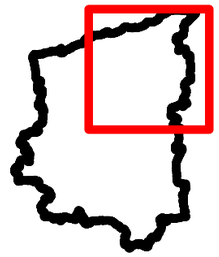
LEGEND

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



NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

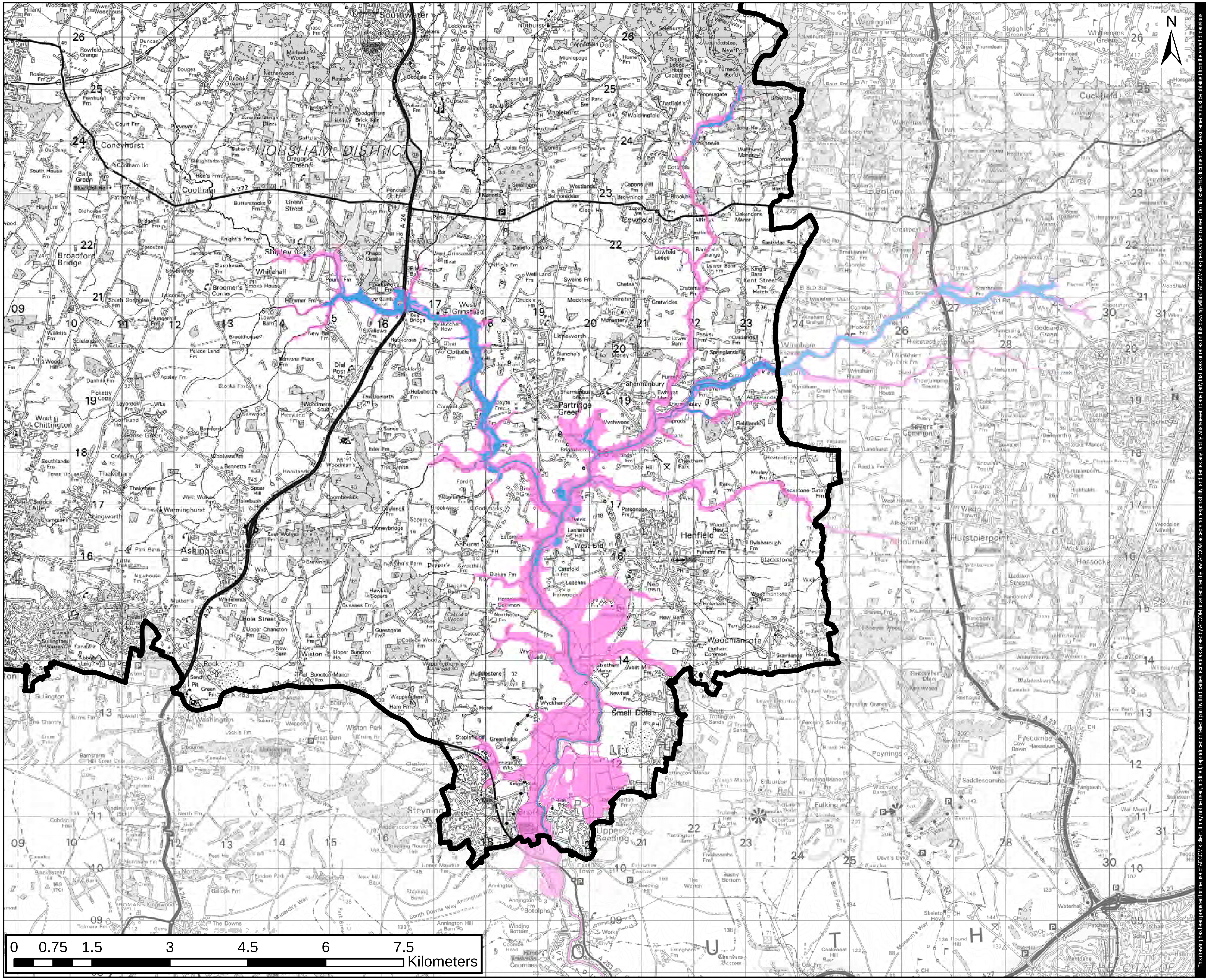
FIGURE TITLE

Reservoir Flood Extent

FIGURE NUMBER

Figure A10-B

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



Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxds\HSFRA_L1_Figure10X_Reservoir_Flood_Extents.mxd

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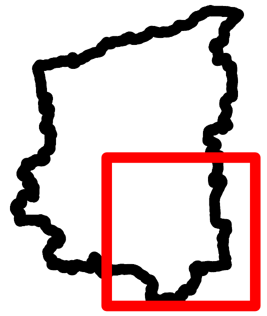
LEGEND

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



NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

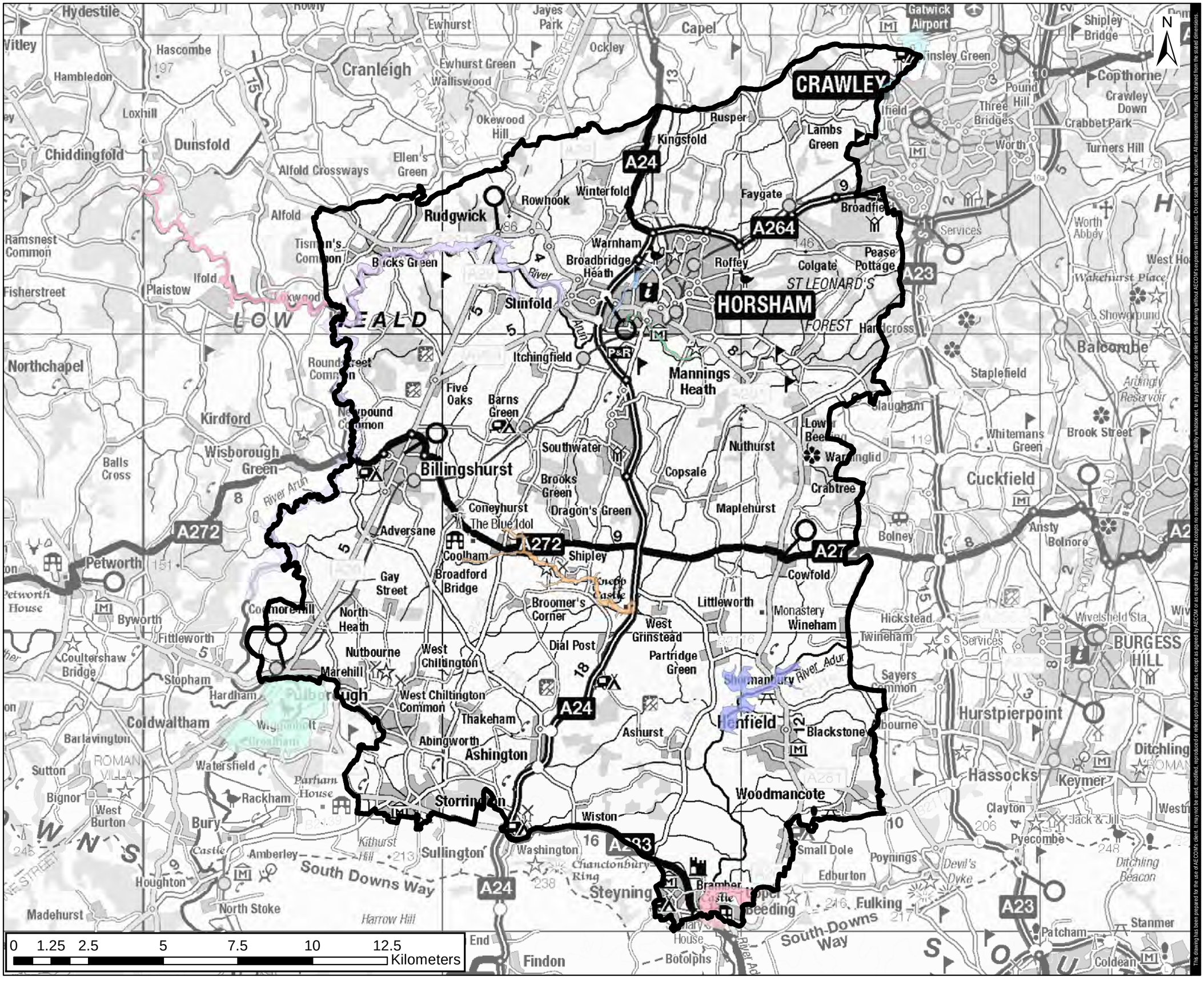
FIGURE TITLE

Reservoir Flood Extent

FIGURE NUMBER

Figure A10-D

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



Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxd\HSFRA_L1_Figure11_Flood_Warning_Areas_01.mxd

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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
- 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.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

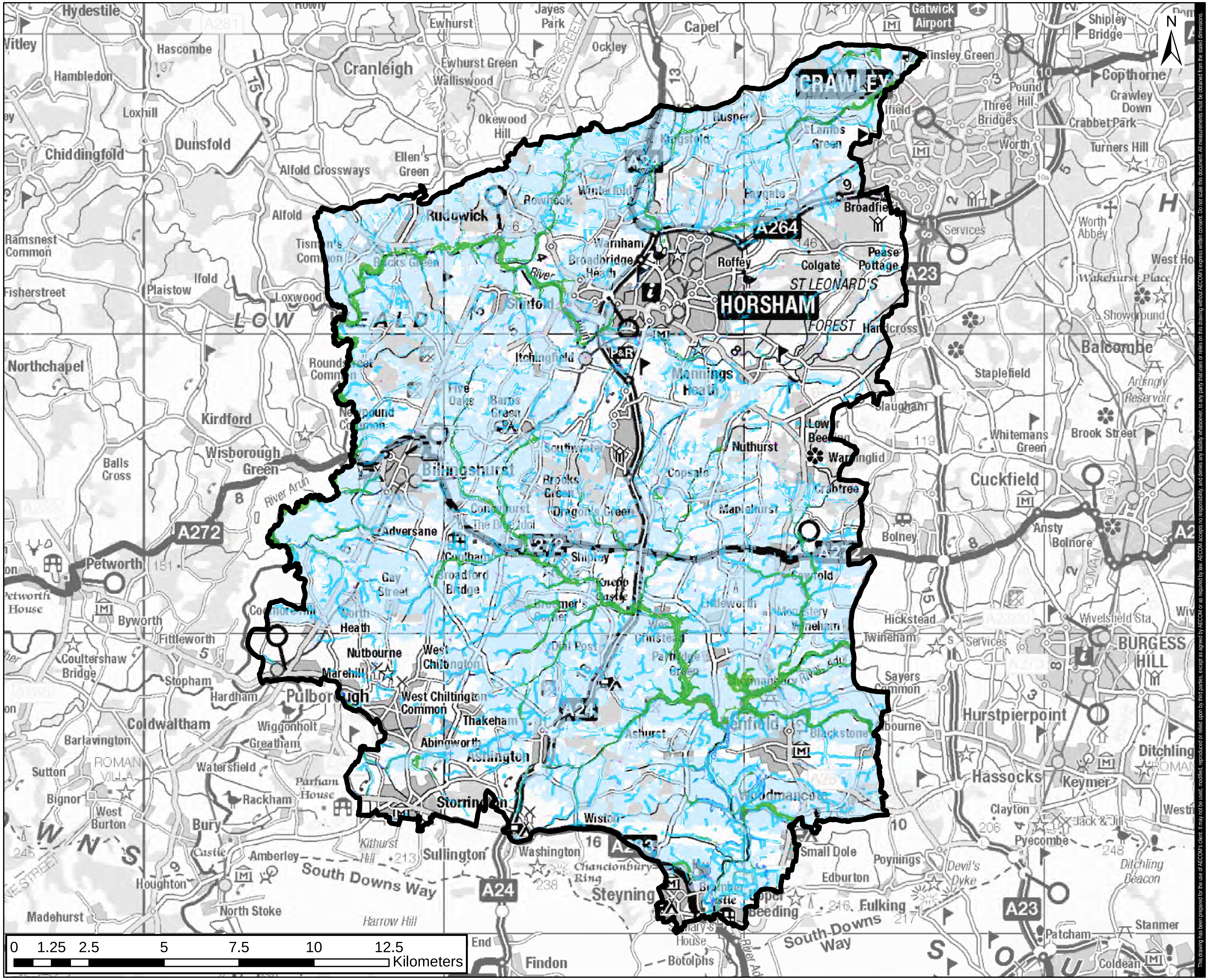
FIGURE TITLE

Flood Warning Areas

FIGURE NUMBER

Figure A11

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



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Horsham District Council Level 1 Strategic Flood Risk Assessment

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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/.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60730513

FIGURE TITLE

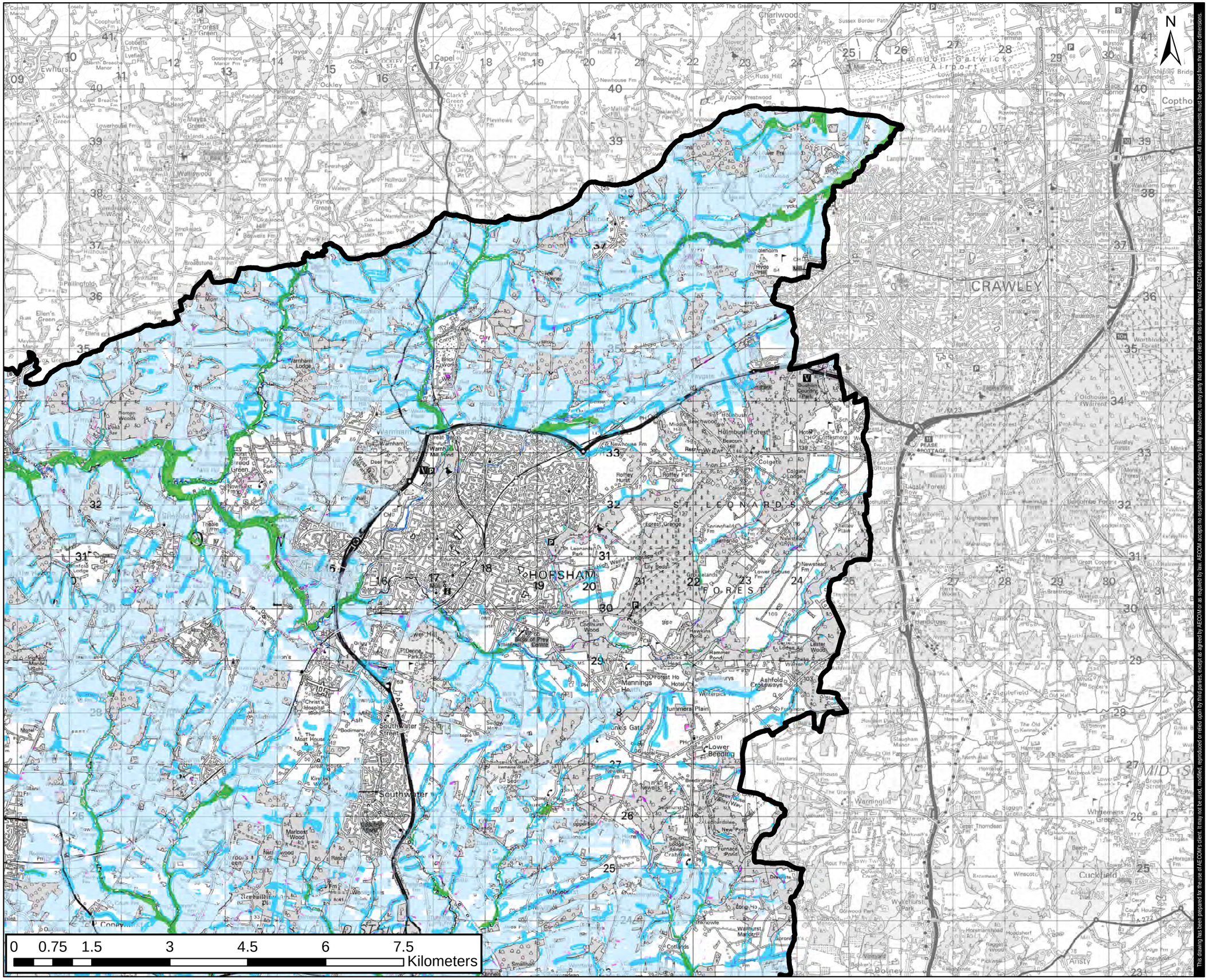
Opportunities to Reduce the Causes and Impacts of Flooding

FIGURE NUMBER

Figure A12

Filename: Q:\60730513_Horsham_SFRA\900_CAD_GIS\920_GIS\mxds\HSFRA_L1_Figure12_WWNP.mxd

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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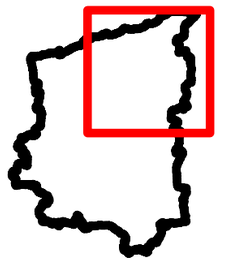
LEGEND

- 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

FINAL

PROJECT NUMBER

60730513

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