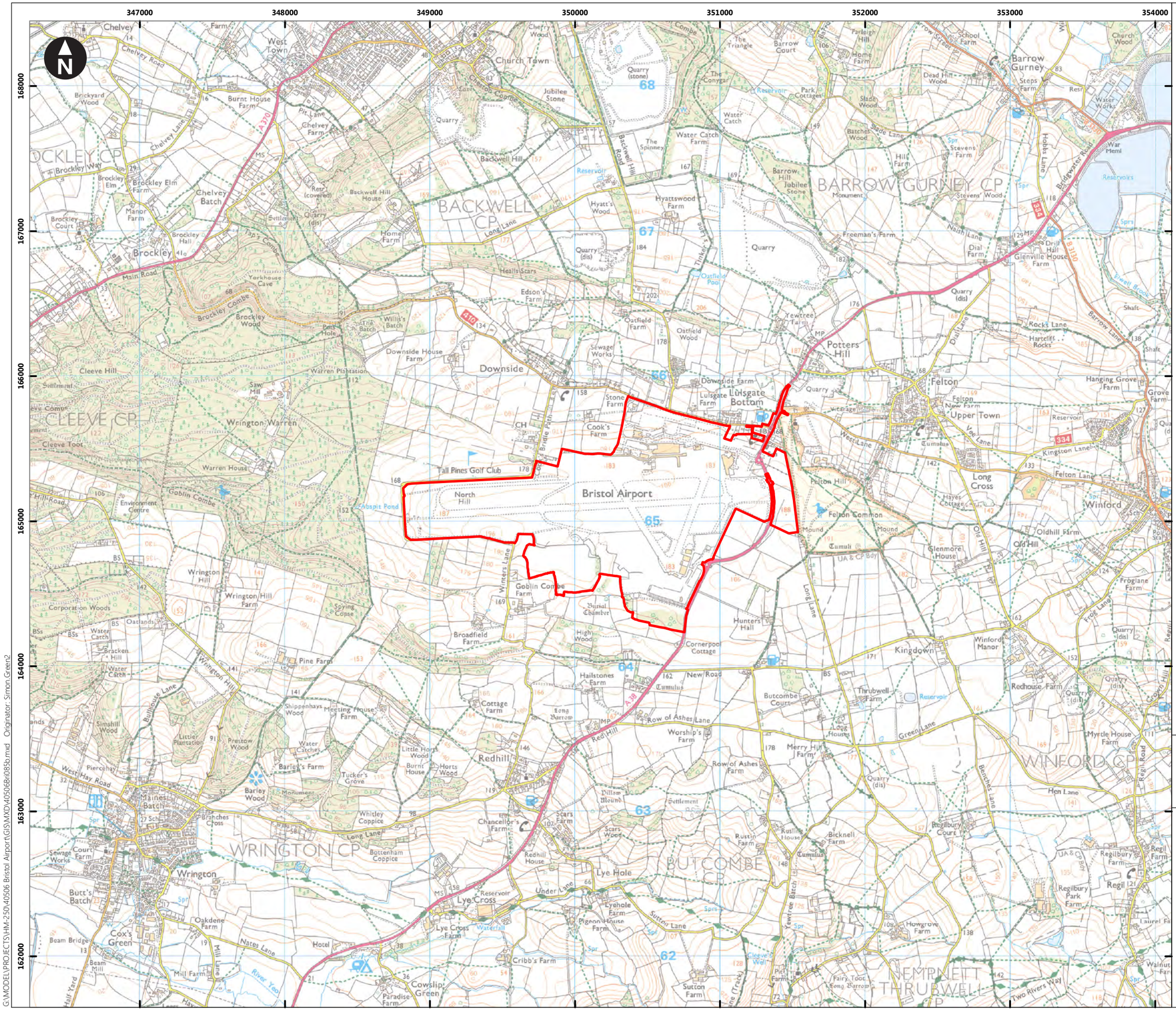

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Figure 12.1
Application Site Situation

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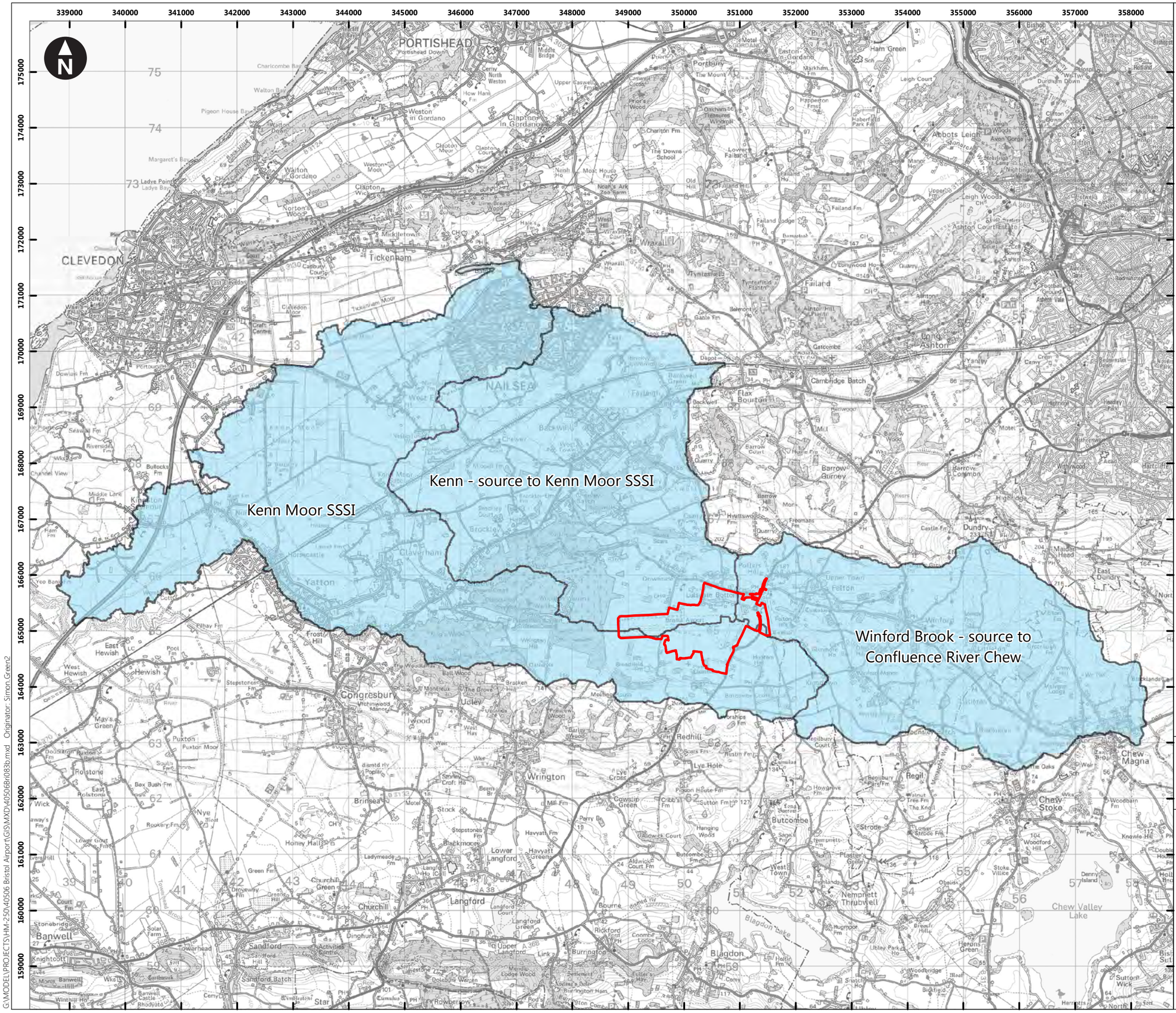

Key

Red Line Boundary

Water Framework Directive (WFD) River Waterbody Catchment

(Together the three WFD Catchments in which the airport is situated form the Zone of Influence)

0 500 1,000 1,500 2,000 2,500 3,000 3,500 m

Scale at A3: 1:65,000

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Figure 12.2
Zone of Influence - Total Catchment

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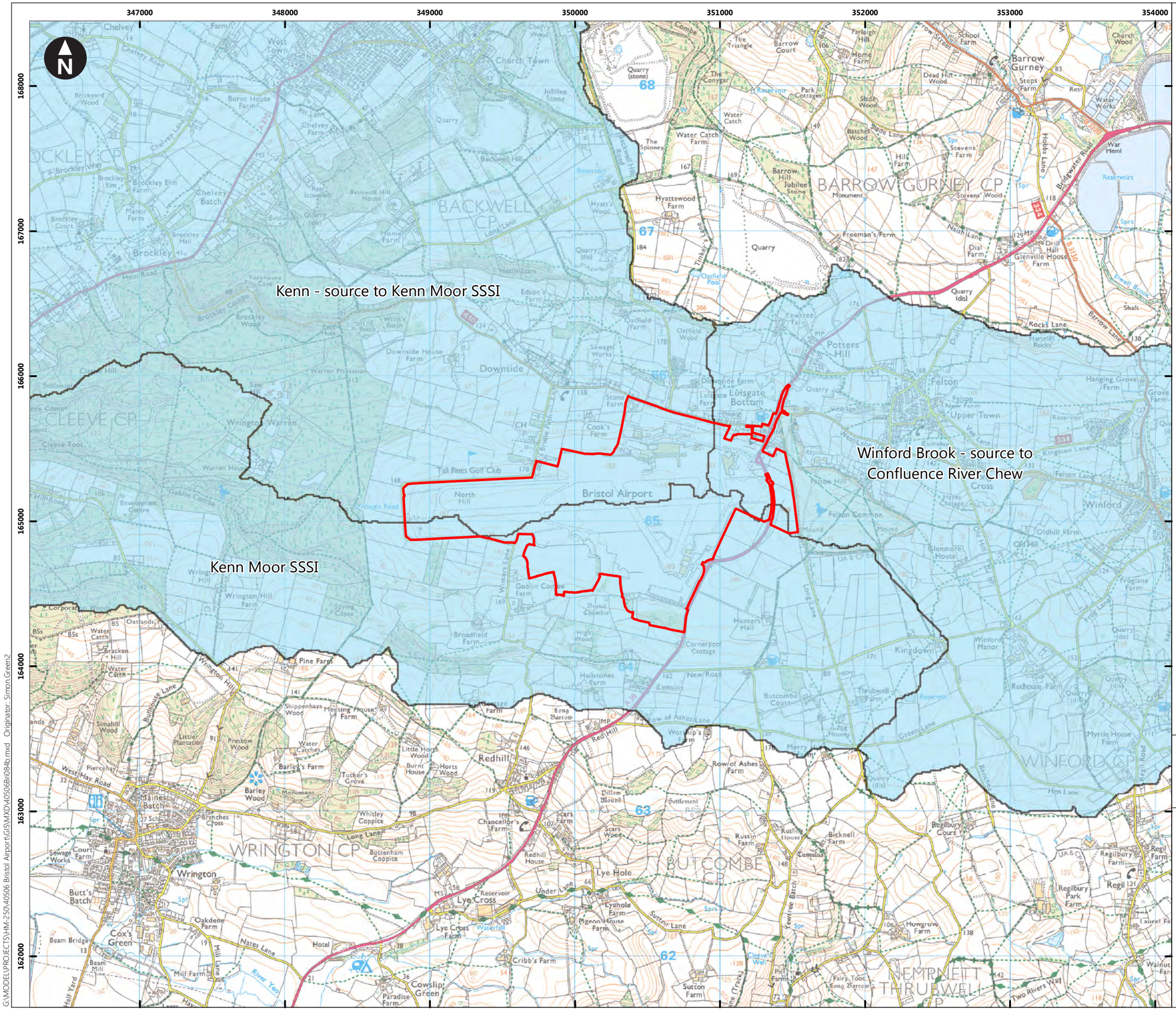

Key

Red Line Boundary

Water Framework Directive (WFD) River Waterbody Catchment

(Together the three WFD Catchments in which the airport is situated form the Zone of Influence)

0 250 500 750 1,000 1,250 1,500 m

Scale at A3: 1:25,000

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Figure 12.3
Zone of Influence - Area Adjacent to the Application Site

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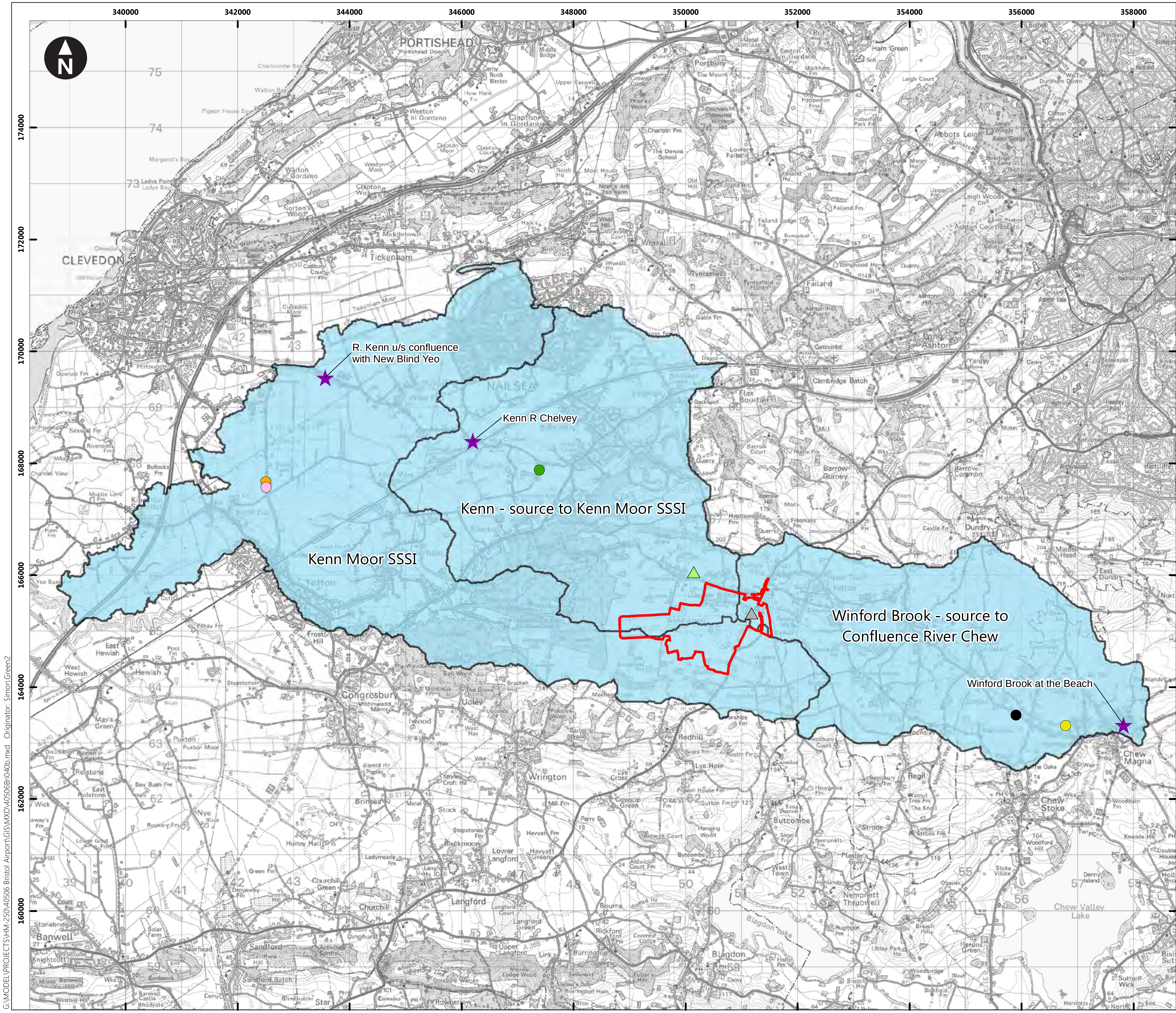

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Key

Red Line Boundary

Water Framework Directive River Waterbody Catchment

Surface Water Quality Sampling Points

Discharge Licences

Discharges to Surface Watercourses

Domestic Property (Single) (Incl. Farm House)

Making of Food Products/Dairy

Shop Incl. Garden Centre/Retail Trade (Not Motor Vehicle)

Storm Tank/CSO on Sewerage Network (Water Company)

WwTW/Sewage Treatment Works (Water Company)

Discharges via Infiltration to Ground

Air Transport/Airport

WwTW/Sewage Treatment Works (Water Company)

0 500 1,000 1,500 2,000 2,500 3,000 3,500 m

Scale at A3: 1:65,000

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Figure 12.4
Locations of Environment Agency Water Quality Sampling Points and Licensed Discharges

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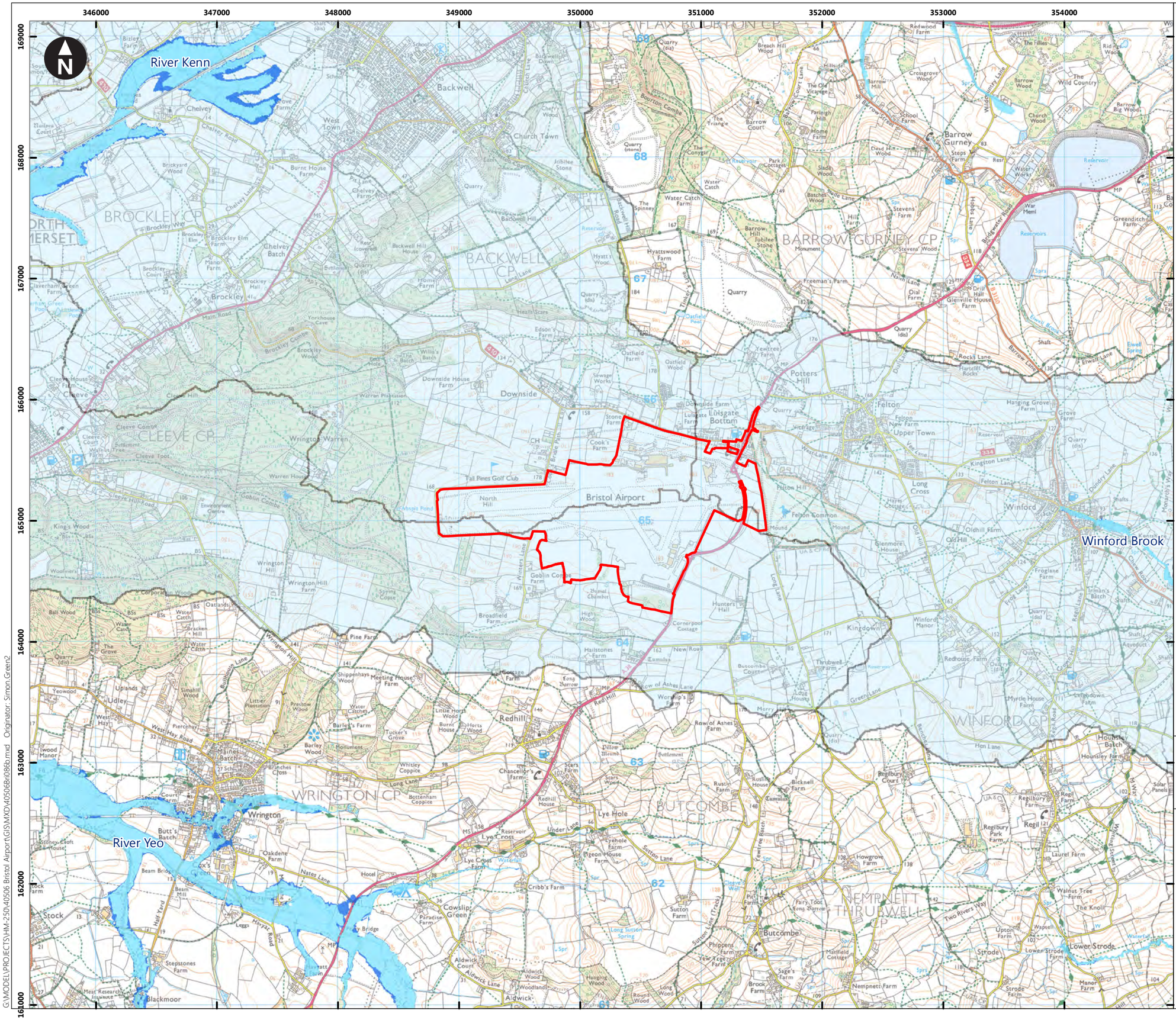

Key

- Red Line Boundary
- Zone of Influence
- Flood Zone 2
- Flood Zone 3

Unshaded areas are Flood Zone 1

0 250 500 750 1,000 1,250 1,500 1,750 m

Scale at A3: 1:30,000

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Figure 12.5
Environment Agency Flood Map for Planning

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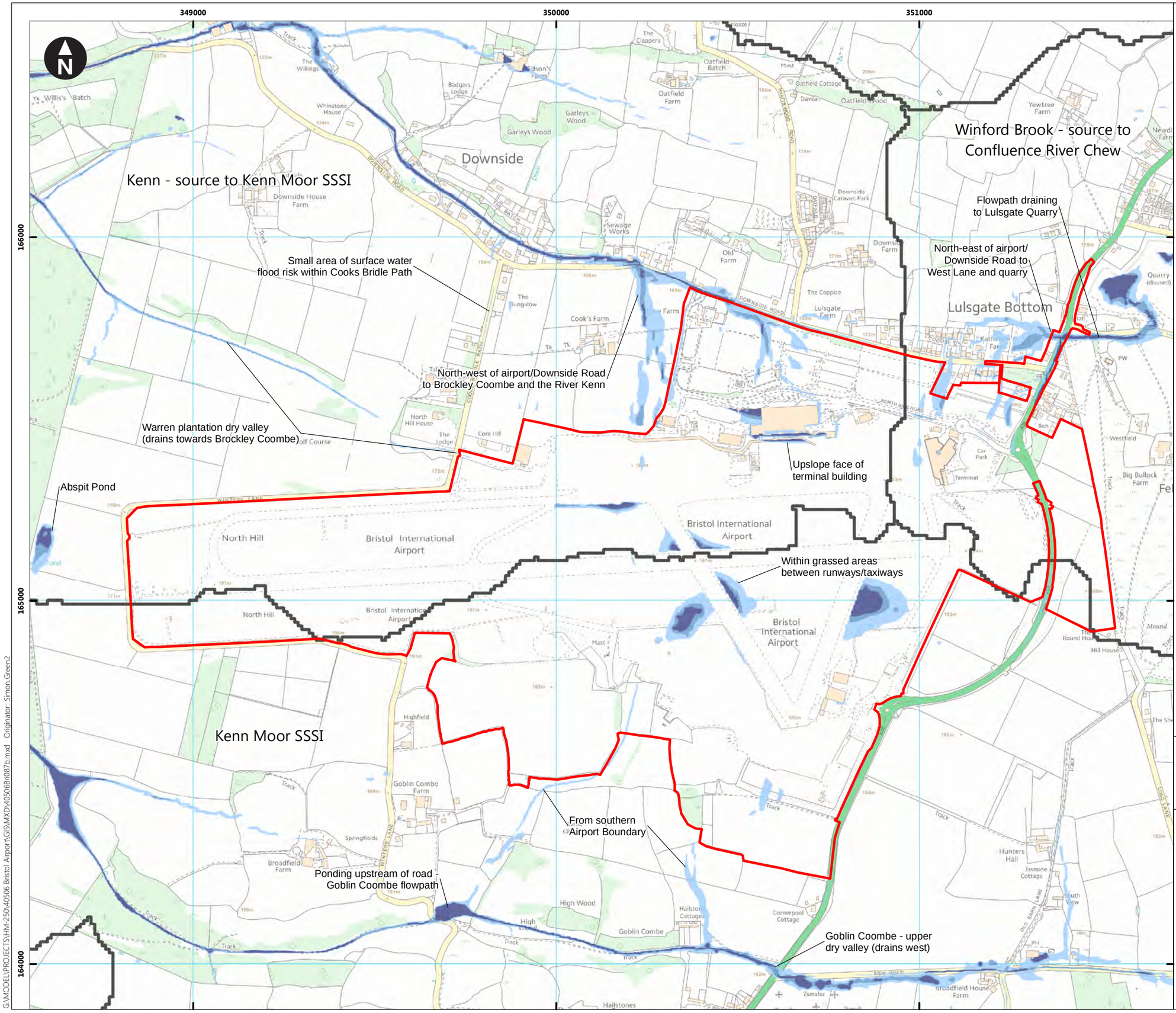

Key

Red Line Boundary

Water Framework Directive River Waterbody Catchment

Surface Water Flood Risk

High (greater than 3.33% AEP)

Medium (1% to 3.33% AEP)

Low (0.1% to 1% AEP)

Very Low (less than 0.1% AEP)

AEP: Annual Exceedance Probability

0 100 200 300 400 500 600 m

Scale at A3: 1:10,000

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Figure 12.6
Environment Agency Surface Water Flood Mapping

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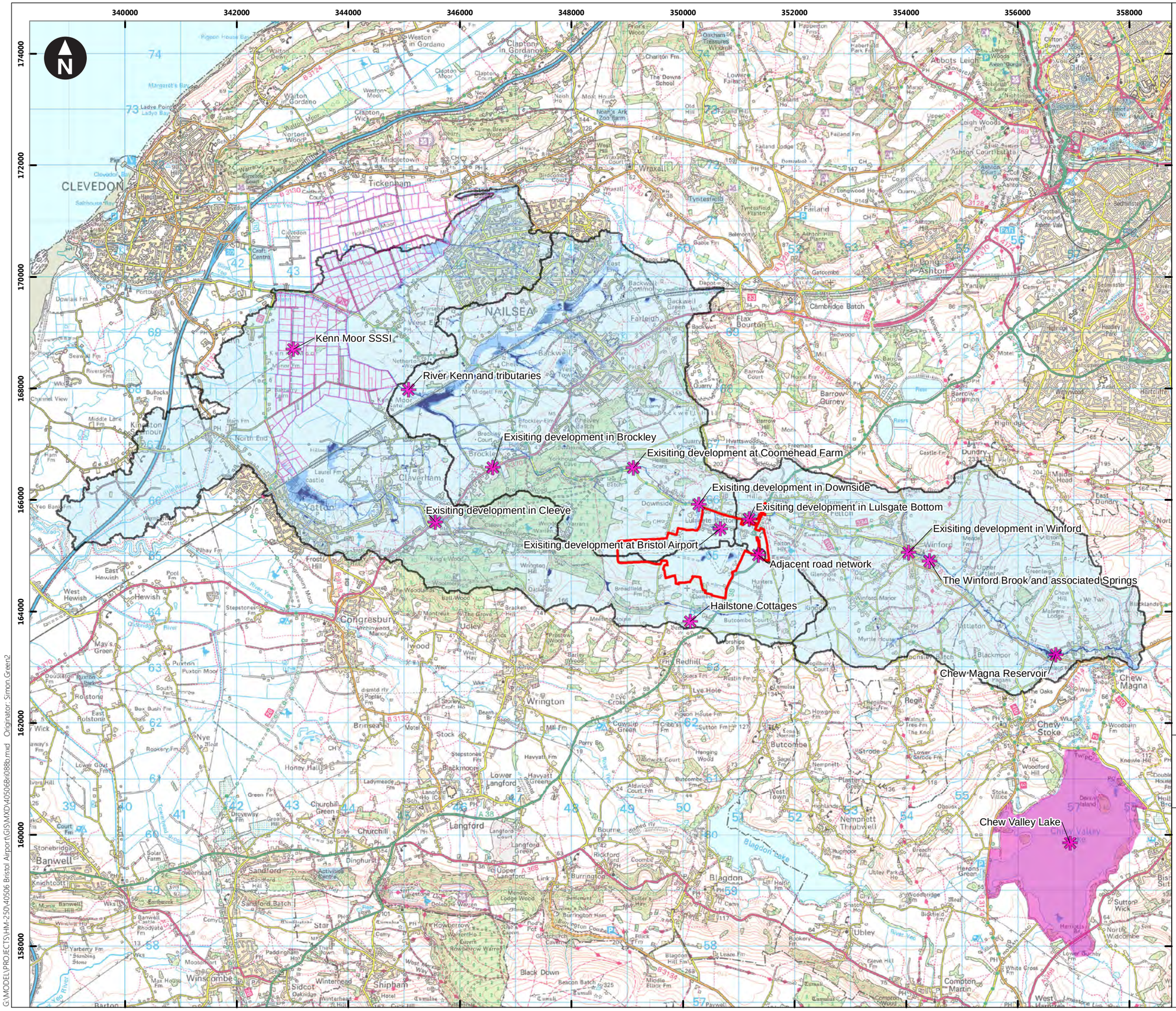

Key

Red Line Boundary

Zone of Influence

Potential Water Environment Receptors

Surface Water Flood Risk

High (greater than 3.33% AEP)

Medium (1% to 3.33% AEP)

Low (0.1% to 1% AEP)

Very Low (less than 0.1% AEP)

Note:

1. Ponds within 500m of the application site not included due to their small size not being shown on this scale of mapping. Their location can be found in Table 12.2.
2. AEP: Annual Exceedance Probability.

0 500 1,000 1,500 2,000 2,500 3,000 3,500 m

Scale at A3: 1:65,000

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Figure 12.7
Potential Water Environment Receptors

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