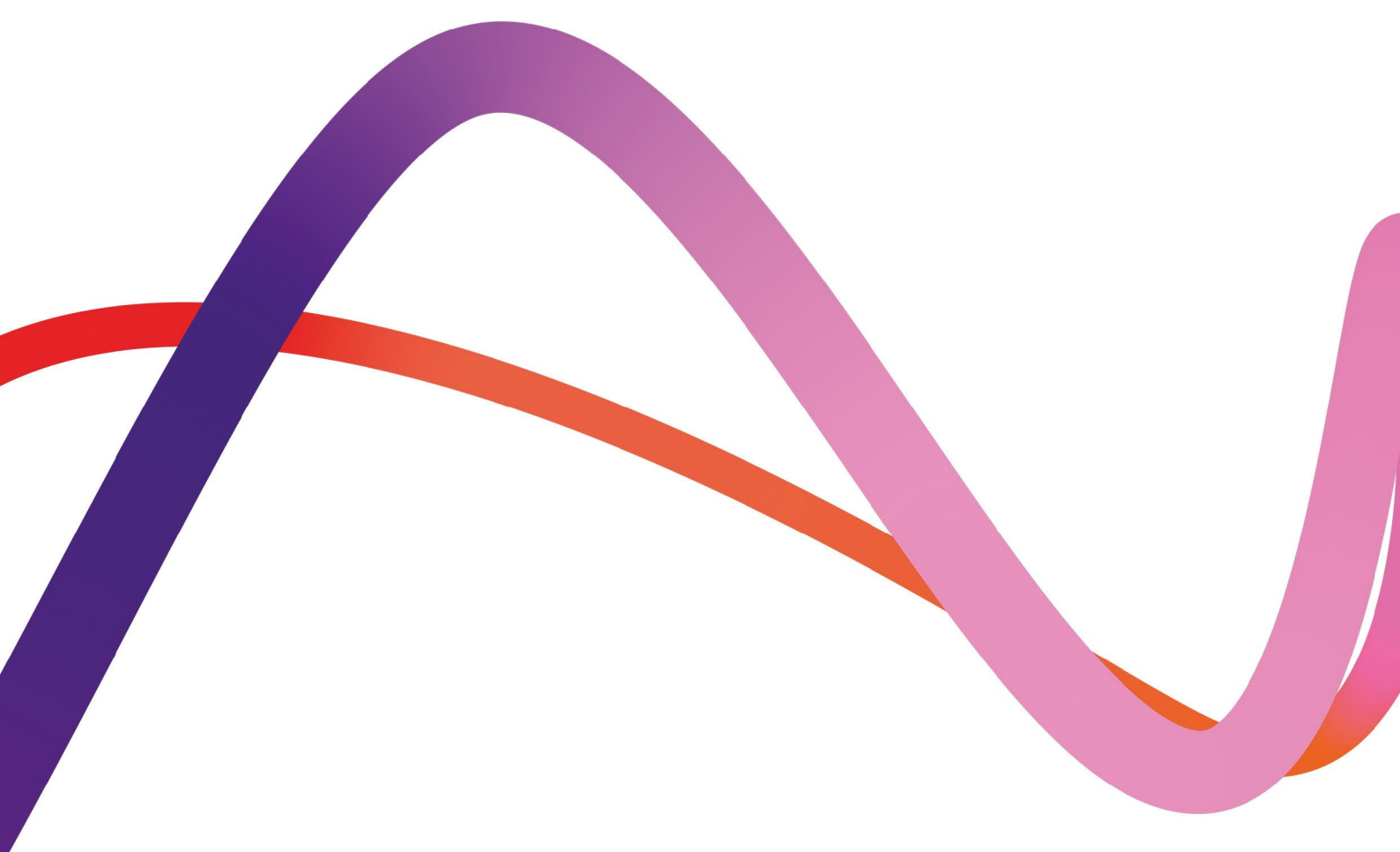


Medworth Energy from Waste Combined Heat and Power Facility



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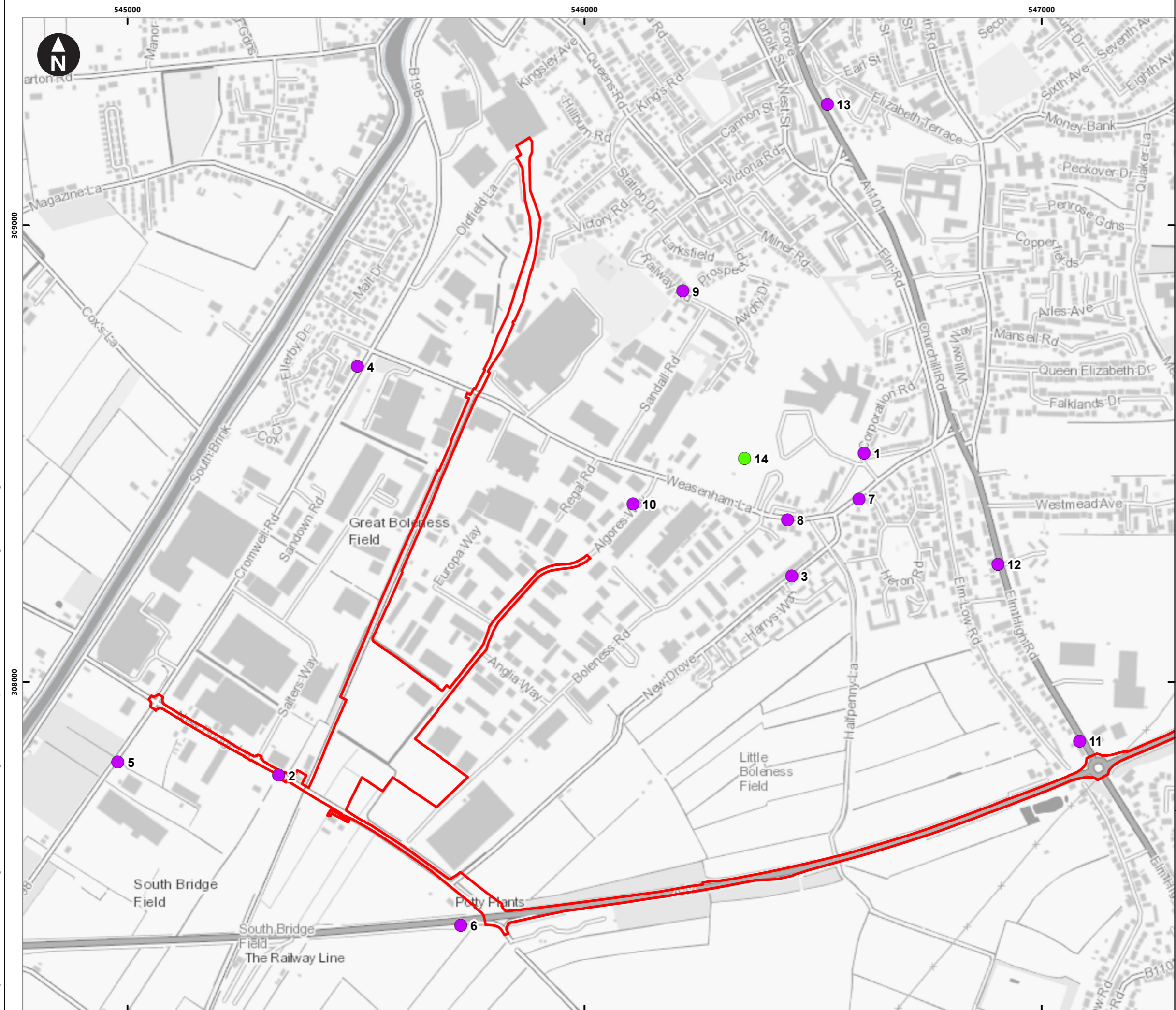


Environmental Statement Chapter 8 Air Quality Figures

Regulation reference: The Infrastructure
Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009
Regulation 5(2)(a)

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Key

- Order limits

Monitoring locations

- Passive
- Passive and automatic

0 100 200 300 400 m

Scale at A3: 1:8,000

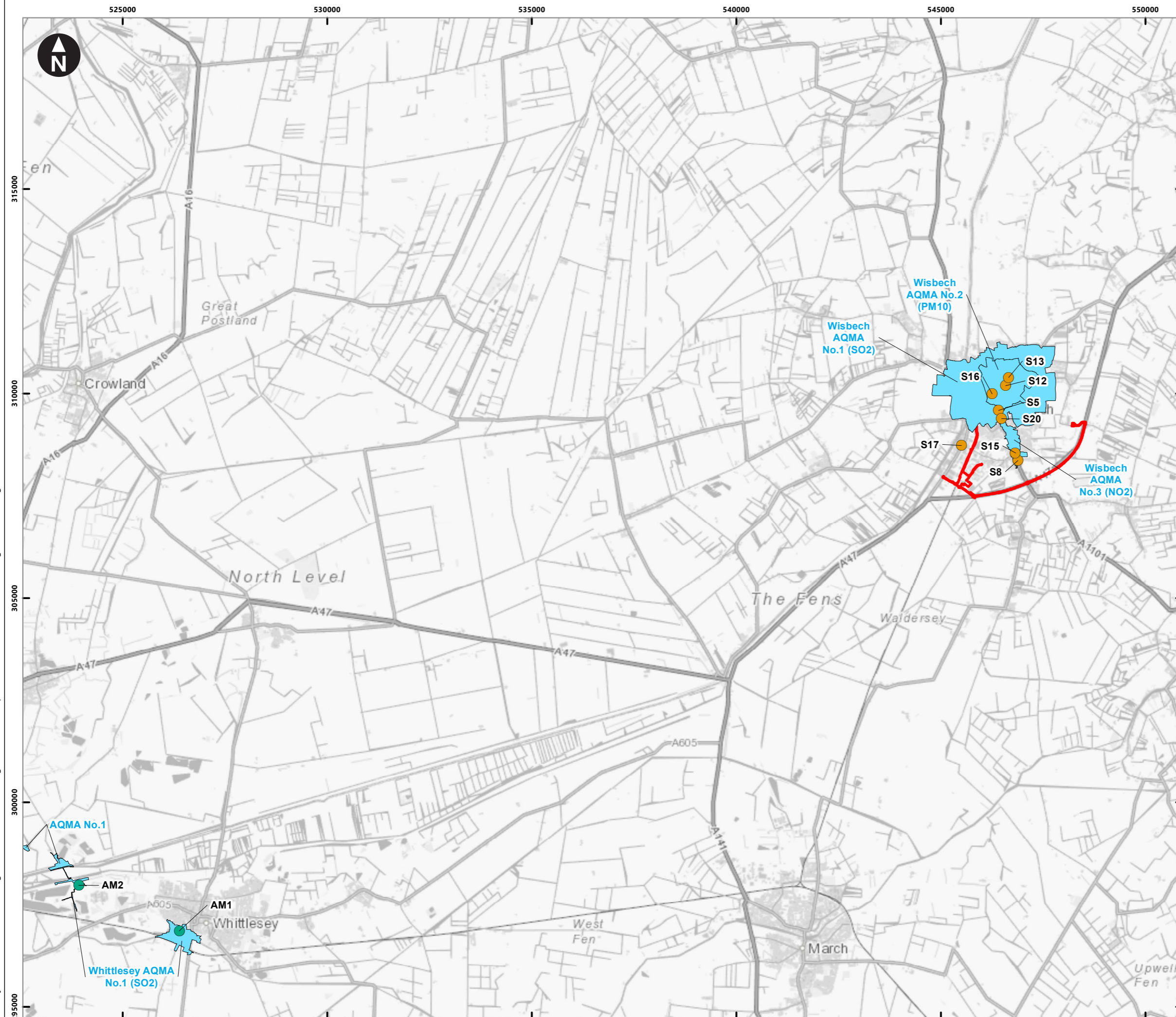
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Figure 8.1
Air quality survey monitoring locations

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Key

- Order limits
- Air Quality Management Area

Monitoring Locations

- Continuous monitoring locations
- Passive monitoring locations

0 1,000 2,000 3,000 4,000 5,000m
Scale at A3: 1:90,000
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Client



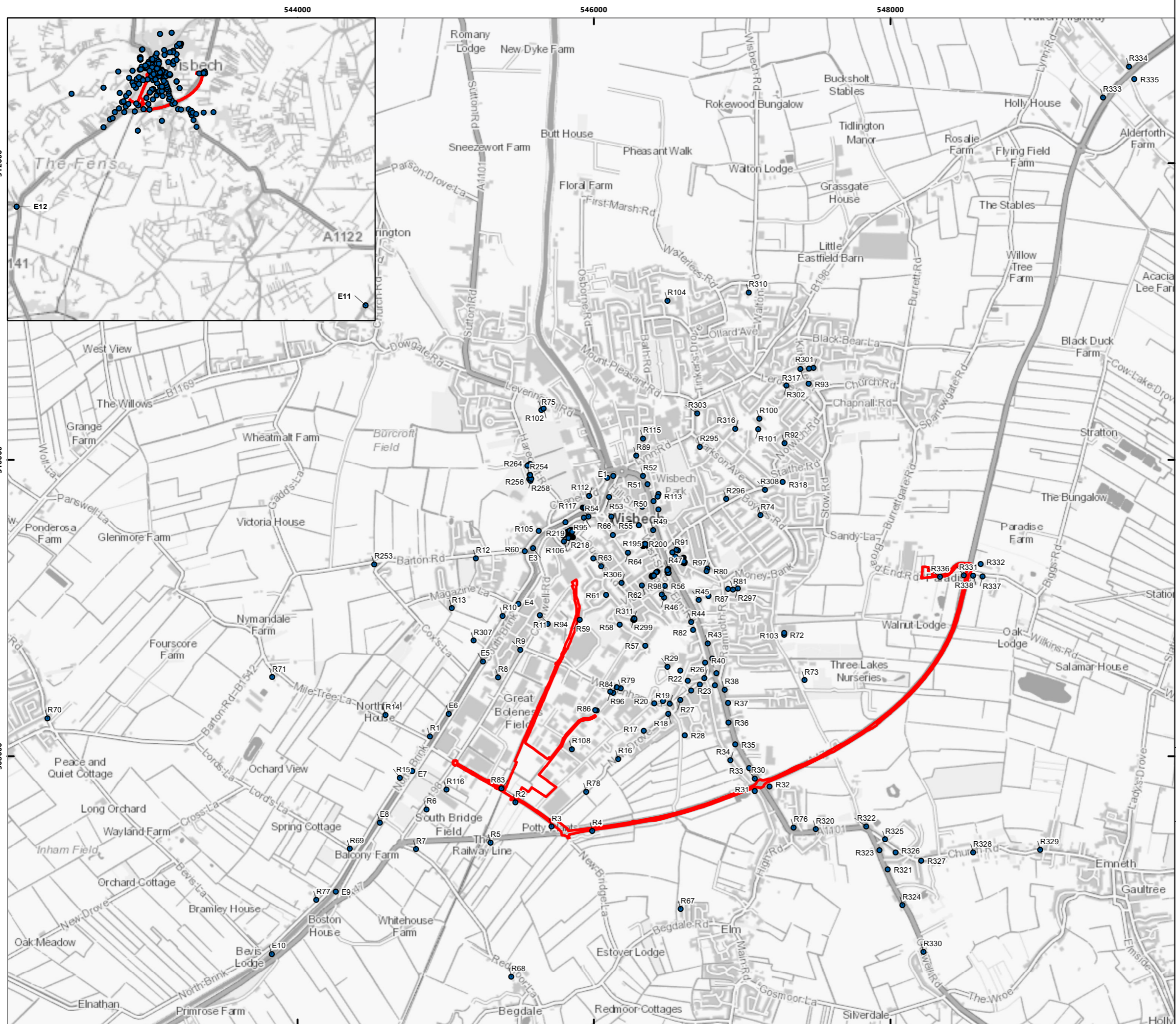
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Figure 8.2
Local Authority monitoring locations

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Key

- Order limits
- Modelled Receptors

0 200 400 600 800 1,000 1,200 1,400 m

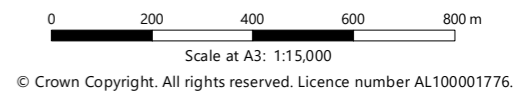
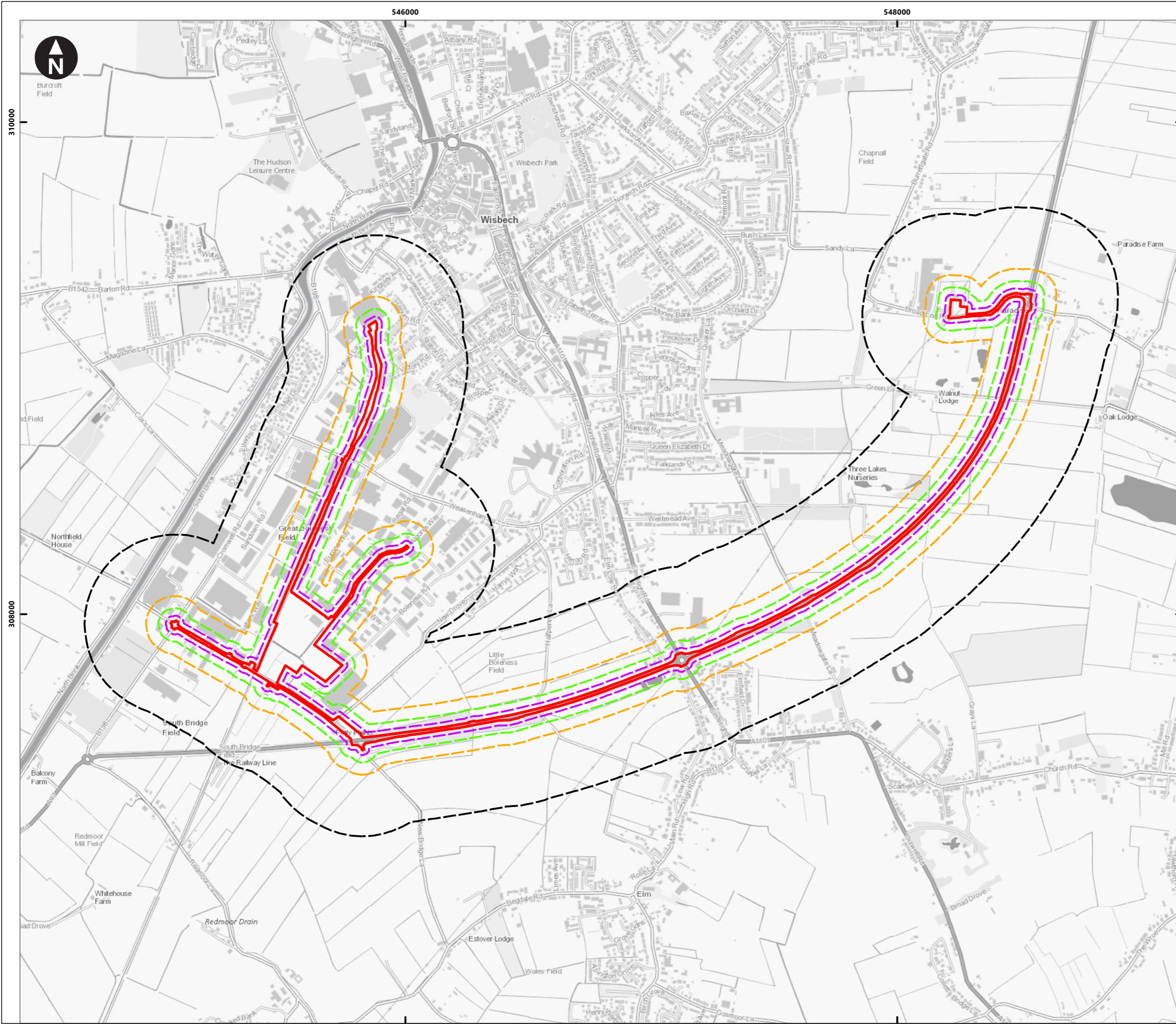
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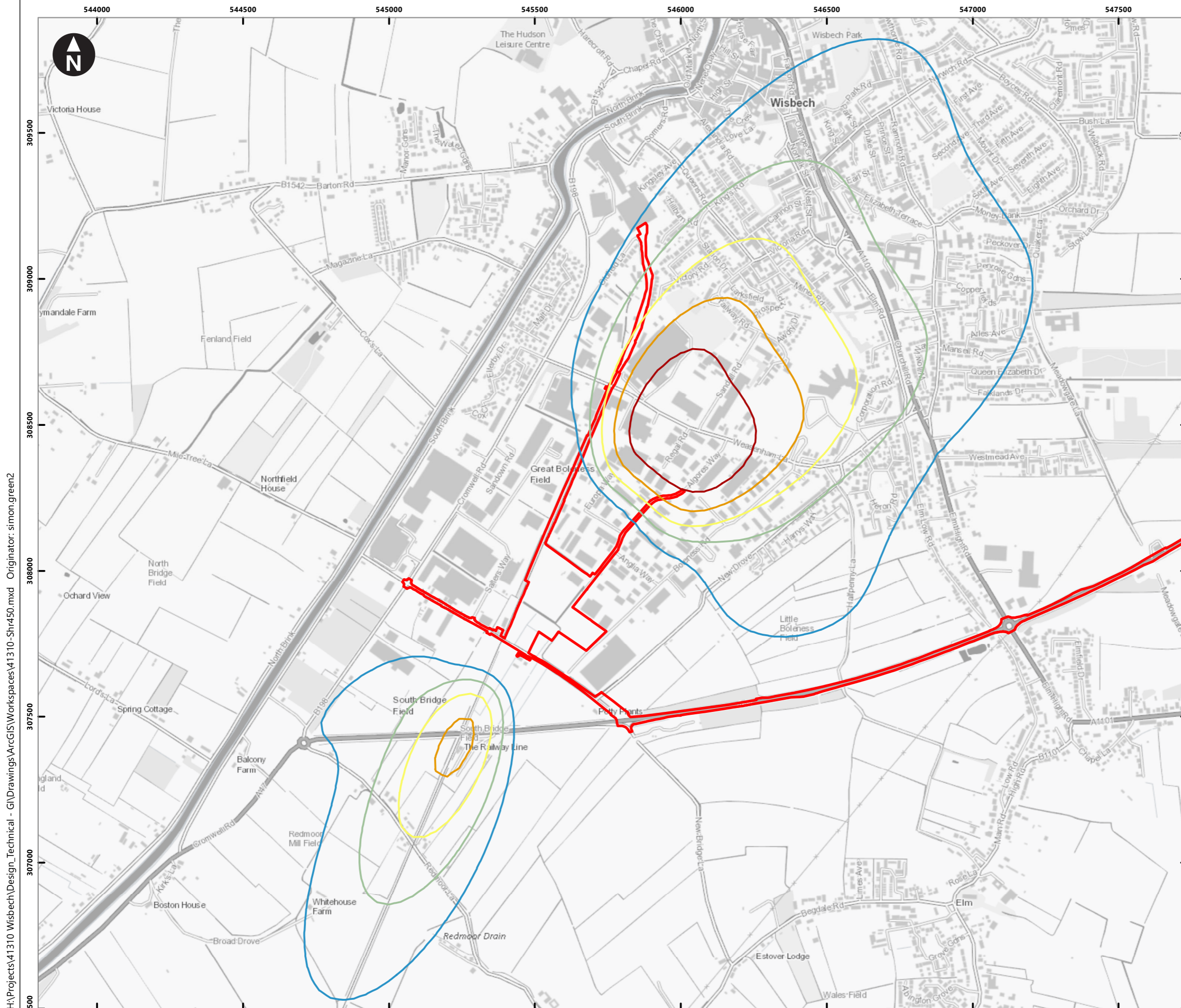
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Figure 8.3
Modelled Receptors



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Figure 8.4
Construction dust buffers



Key

Order limits

Annual mean NO2 concentration contours

- 0.3 $\mu\text{g}/\text{m}^3$
- 0.4 $\mu\text{g}/\text{m}^3$
- 0.5 $\mu\text{g}/\text{m}^3$
- 0.6 $\mu\text{g}/\text{m}^3$
- 0.7 $\mu\text{g}/\text{m}^3$

0 100 200 300 400 500 600 700 m

Scale at A3: 1:12,500

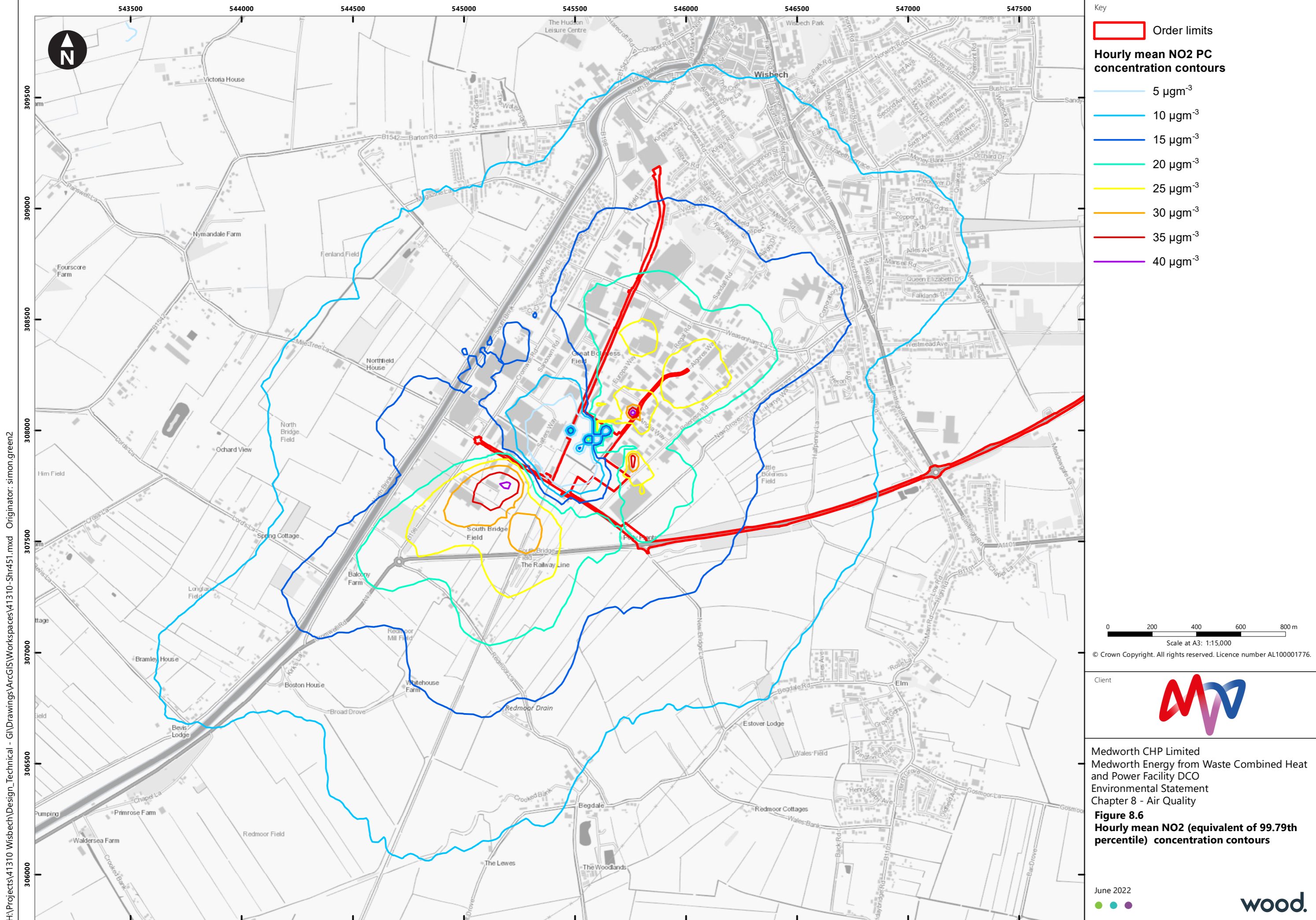
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Figure 8.5
Annual mean NO2 concentration contours

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Key

Order limits

Hourly mean NO2 PC concentration contours

- 5 µg^m⁻³
- 10 µg^m⁻³
- 15 µg^m⁻³
- 20 µg^m⁻³
- 25 µg^m⁻³
- 30 µg^m⁻³
- 35 µg^m⁻³
- 40 µg^m⁻³

0 200 400 600 800 m

Scale at A3: 1:15,000

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Figure 8.6
Hourly mean NO2 (equivalent of 99.79th percentile) concentration contours

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