



DCO Submission

Environmental Statement

Chapter 4: Air Quality & Odour
Figure 4.1- 4.32

Document 6.4H

On behalf of
Oxfordshire Railfreight Limited

Prepared by Phlorum
March 2026

Figure 4.1: Local Air Quality Monitoring Sites (Ardley)

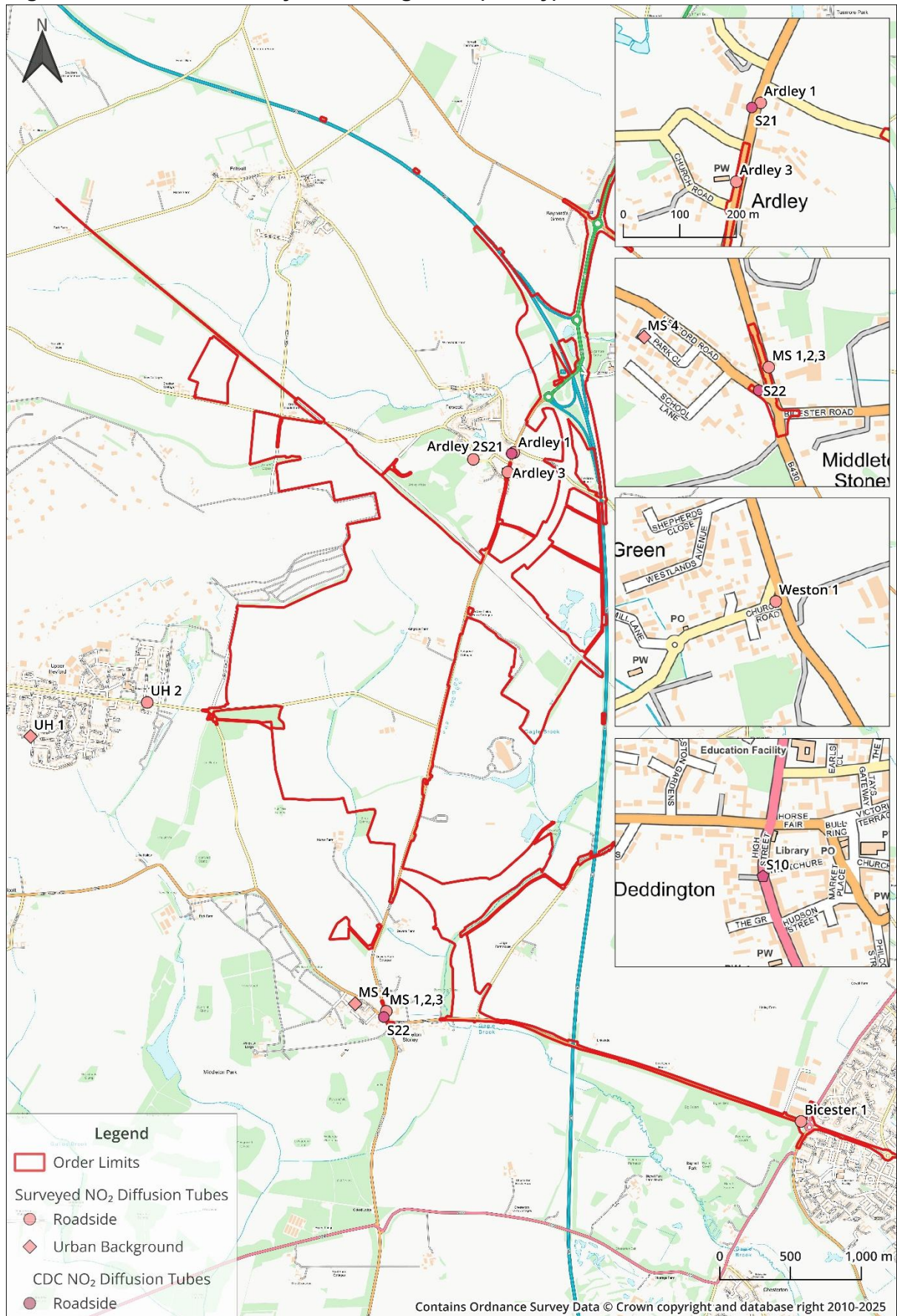


Figure 4.2: Local Air Quality Monitoring Sites (Bicester)

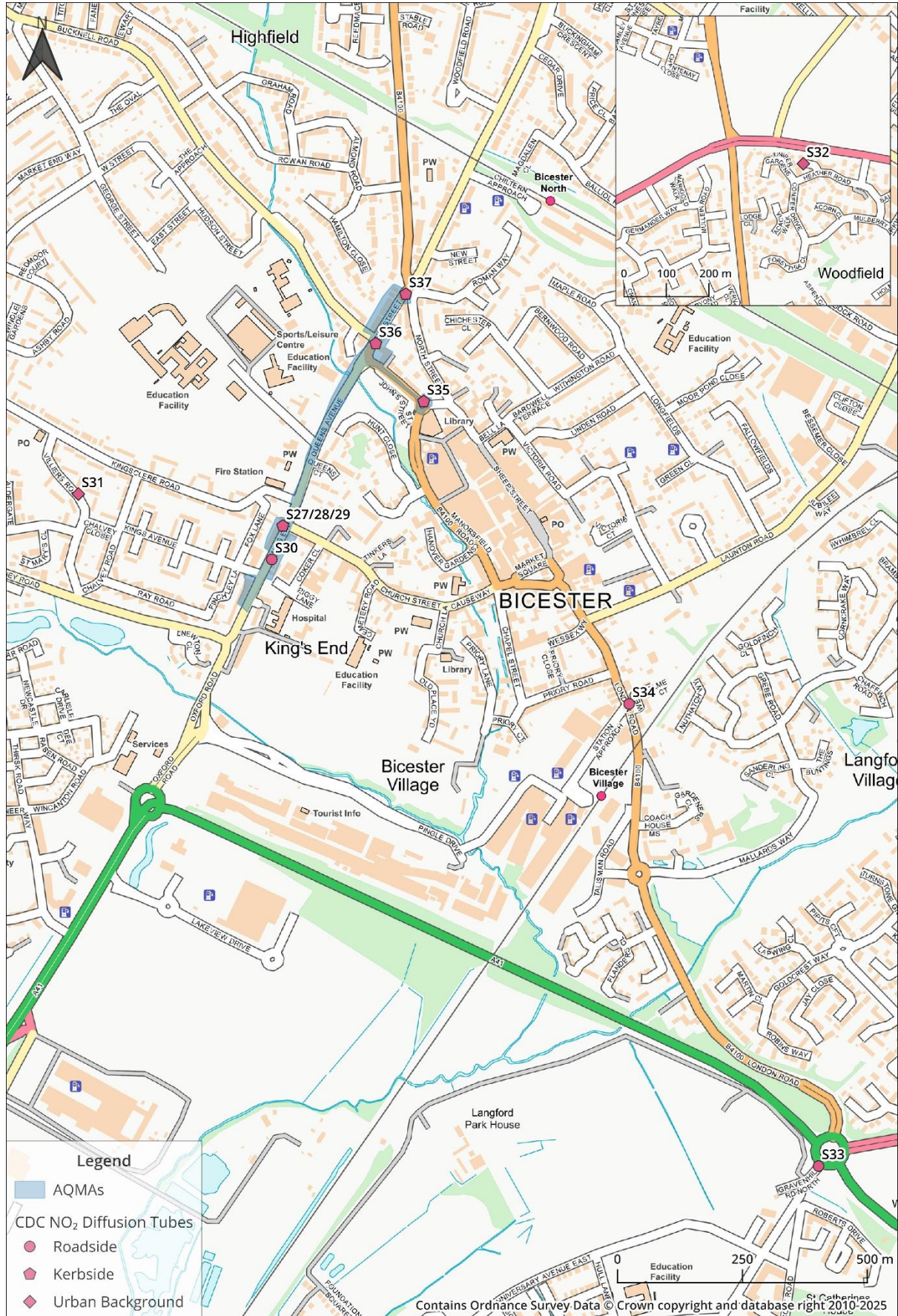


Figure 4.3: Local Air Quality Monitoring Sites (Banbury)

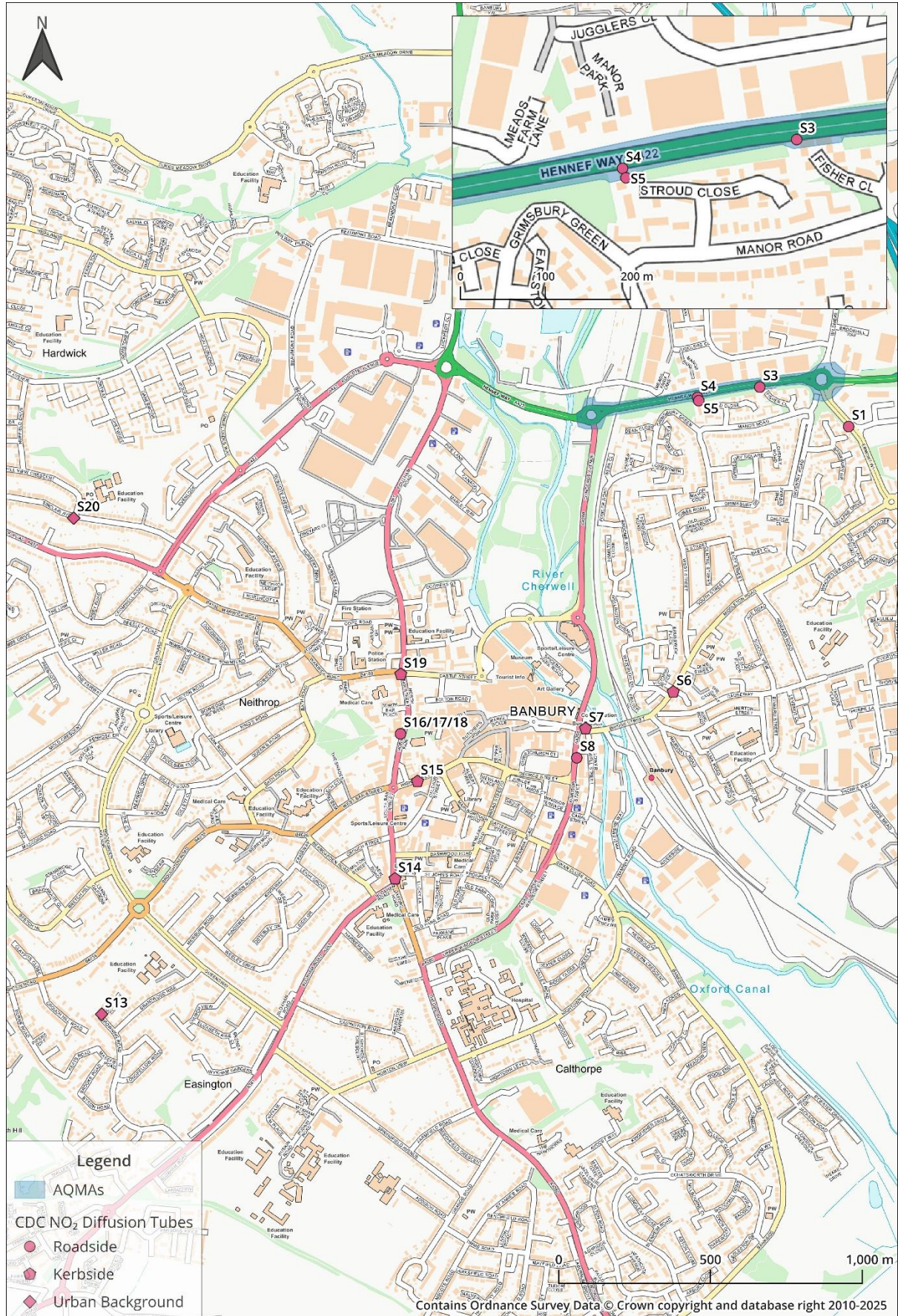


Figure 4.4: Local Air Quality Monitoring Sites (Kidlington)

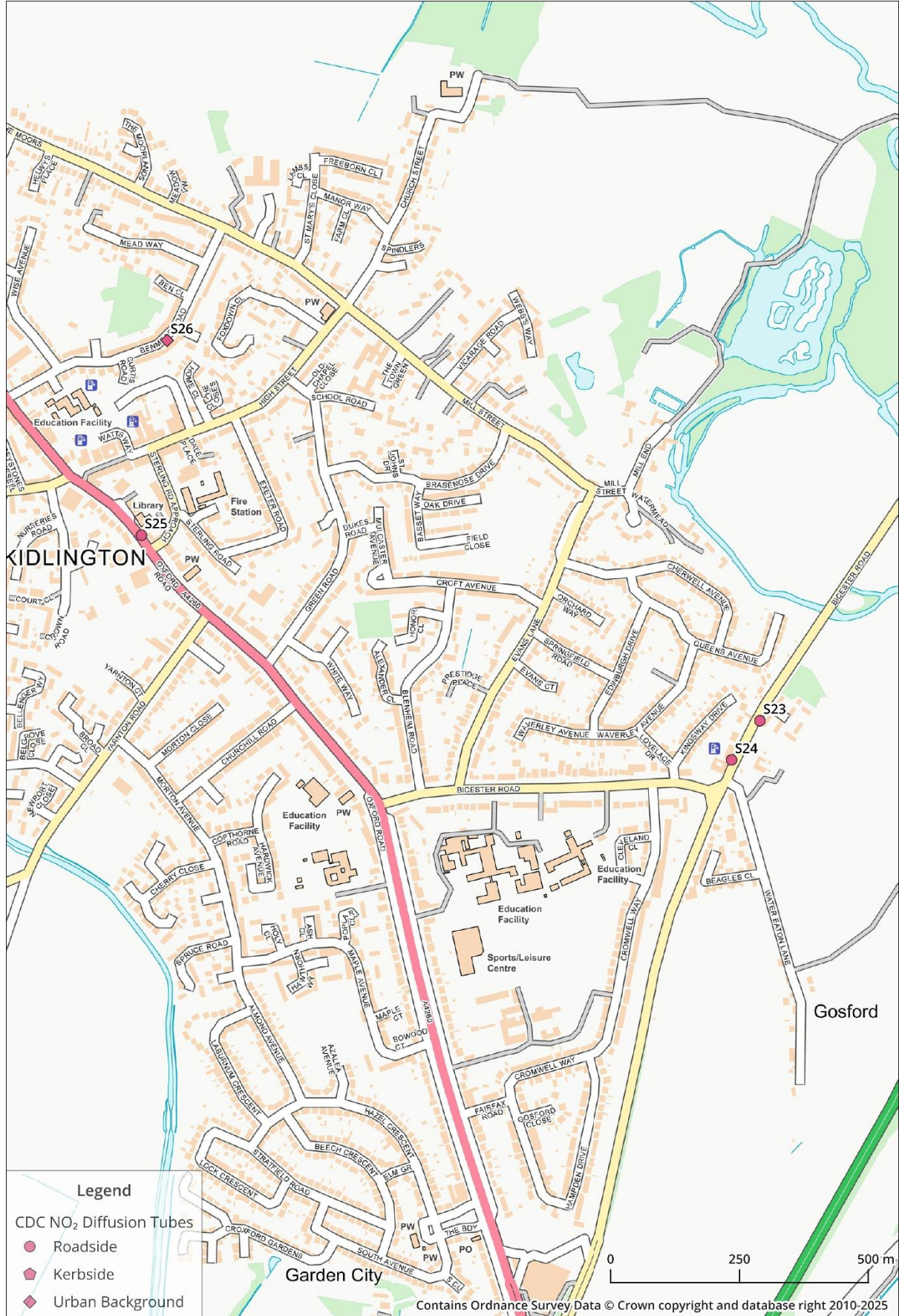


Figure 4.5: Local Air Quality Monitoring Sites (Oxford)

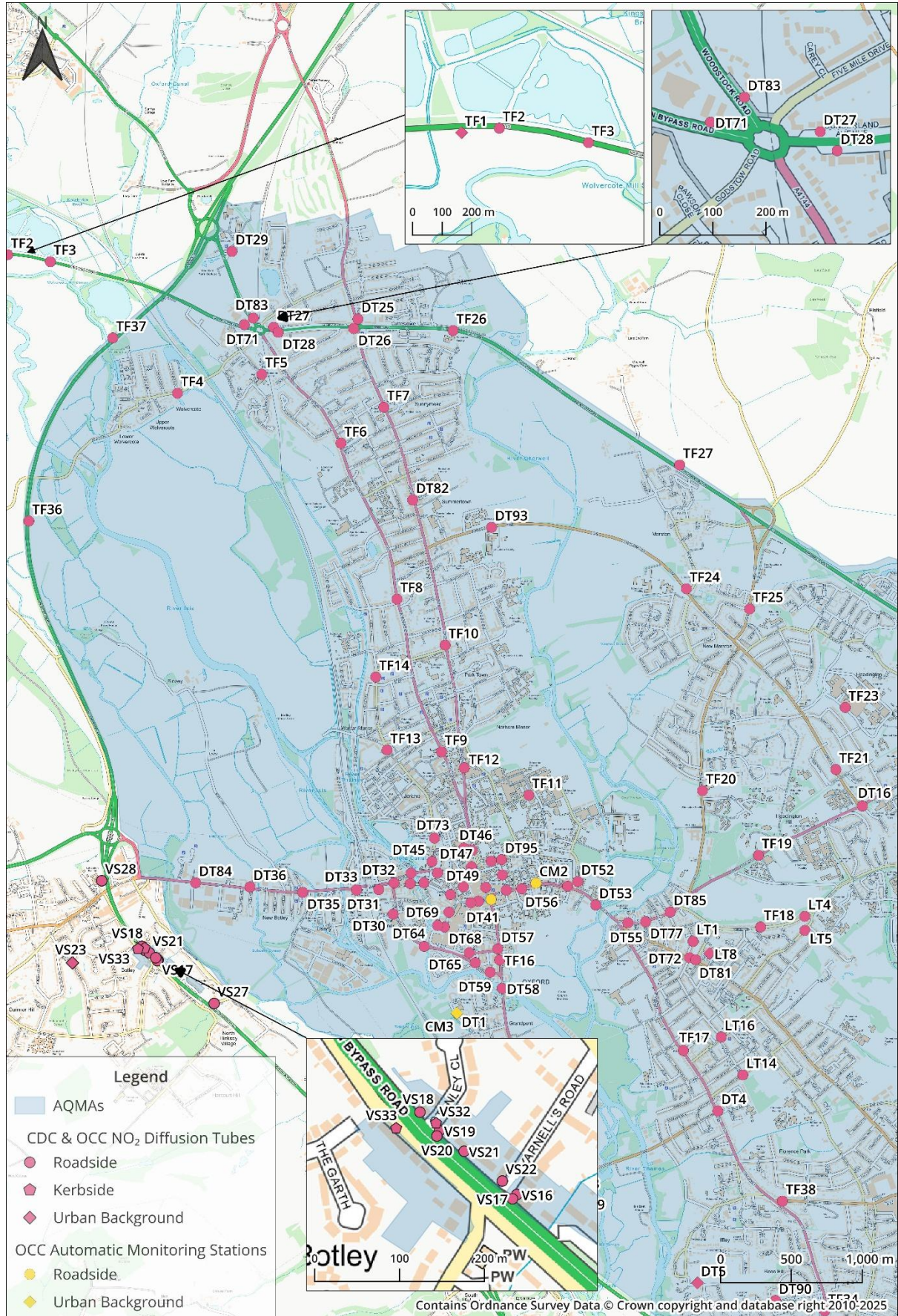


Figure 4.6: Modelled Roads and Receptors (Ardley)

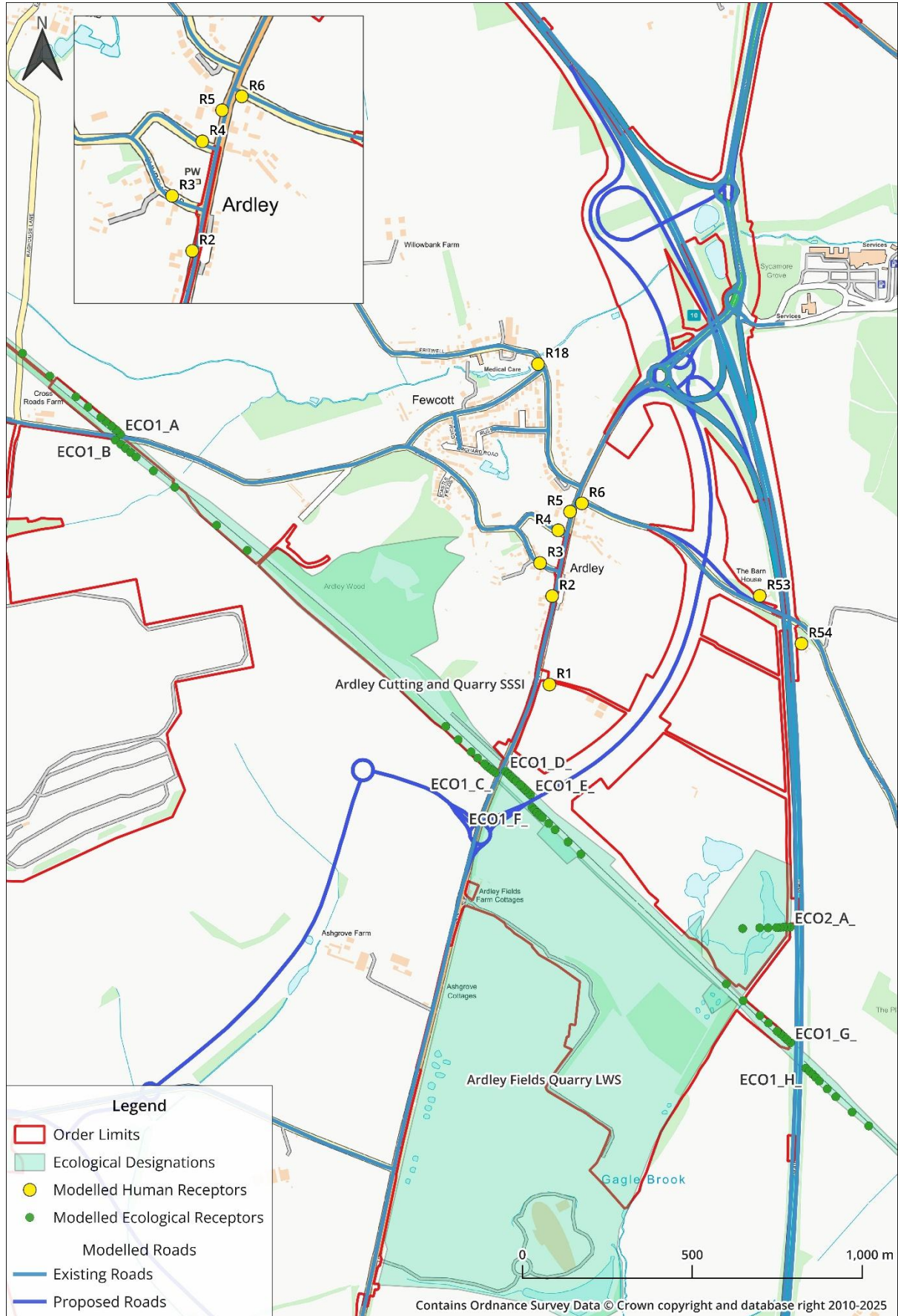


Figure 4.7: Modelled Roads and Receptors (Middleton Stoney)

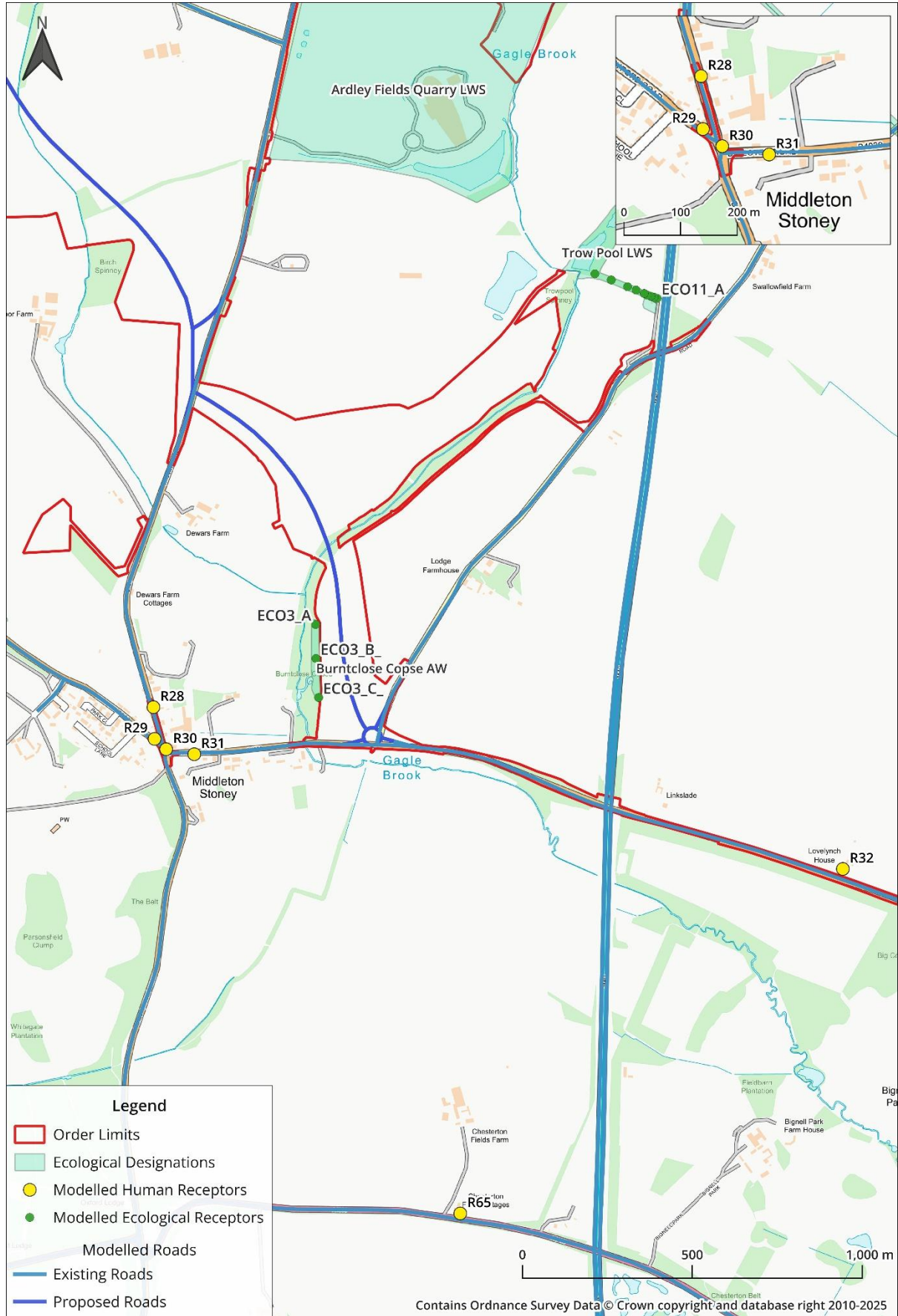


Figure 4.8: Modelled Roads and Receptors (Upper Heyford)

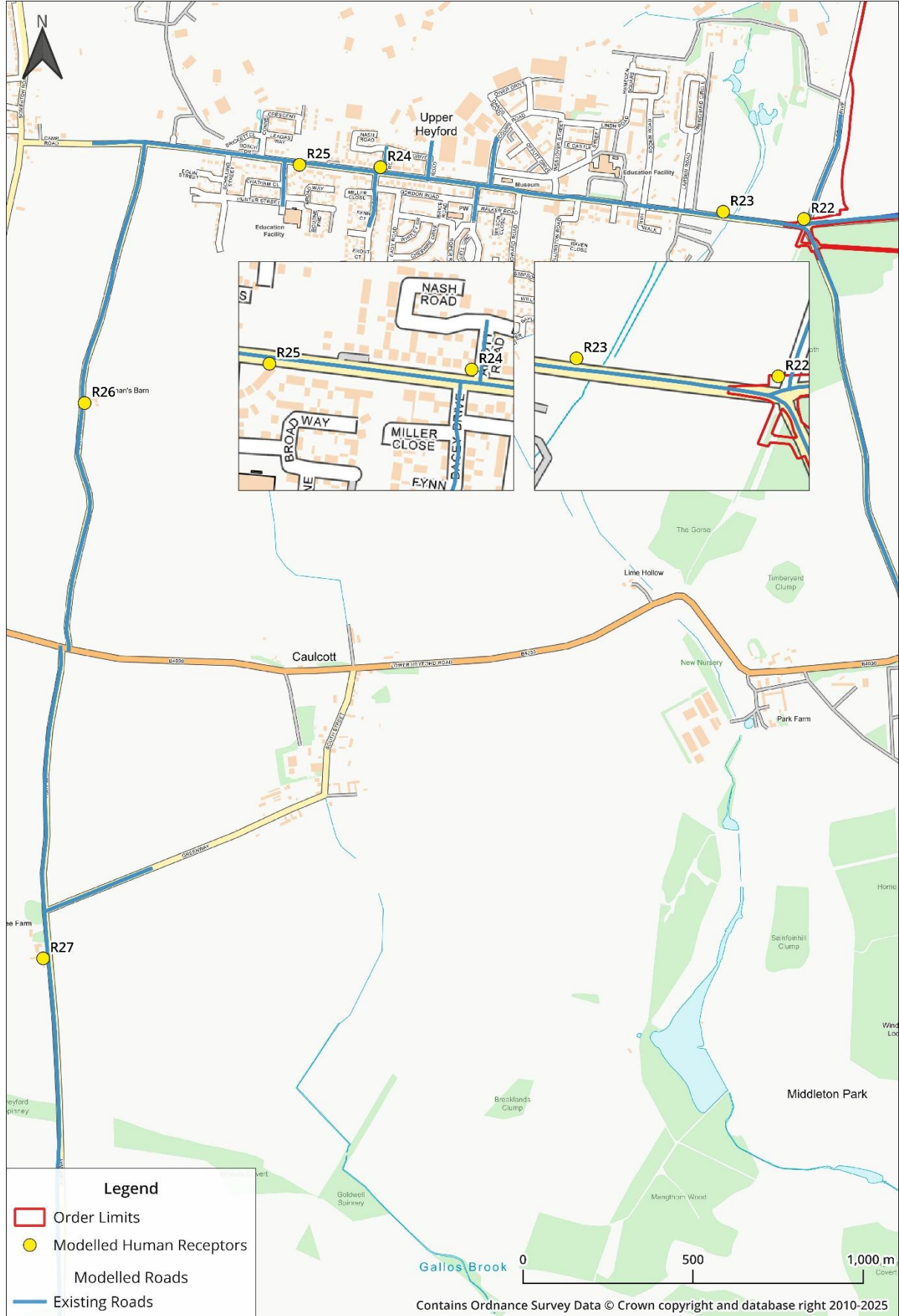


Figure 4.9: Modelled Roads and Receptors (Bicester)

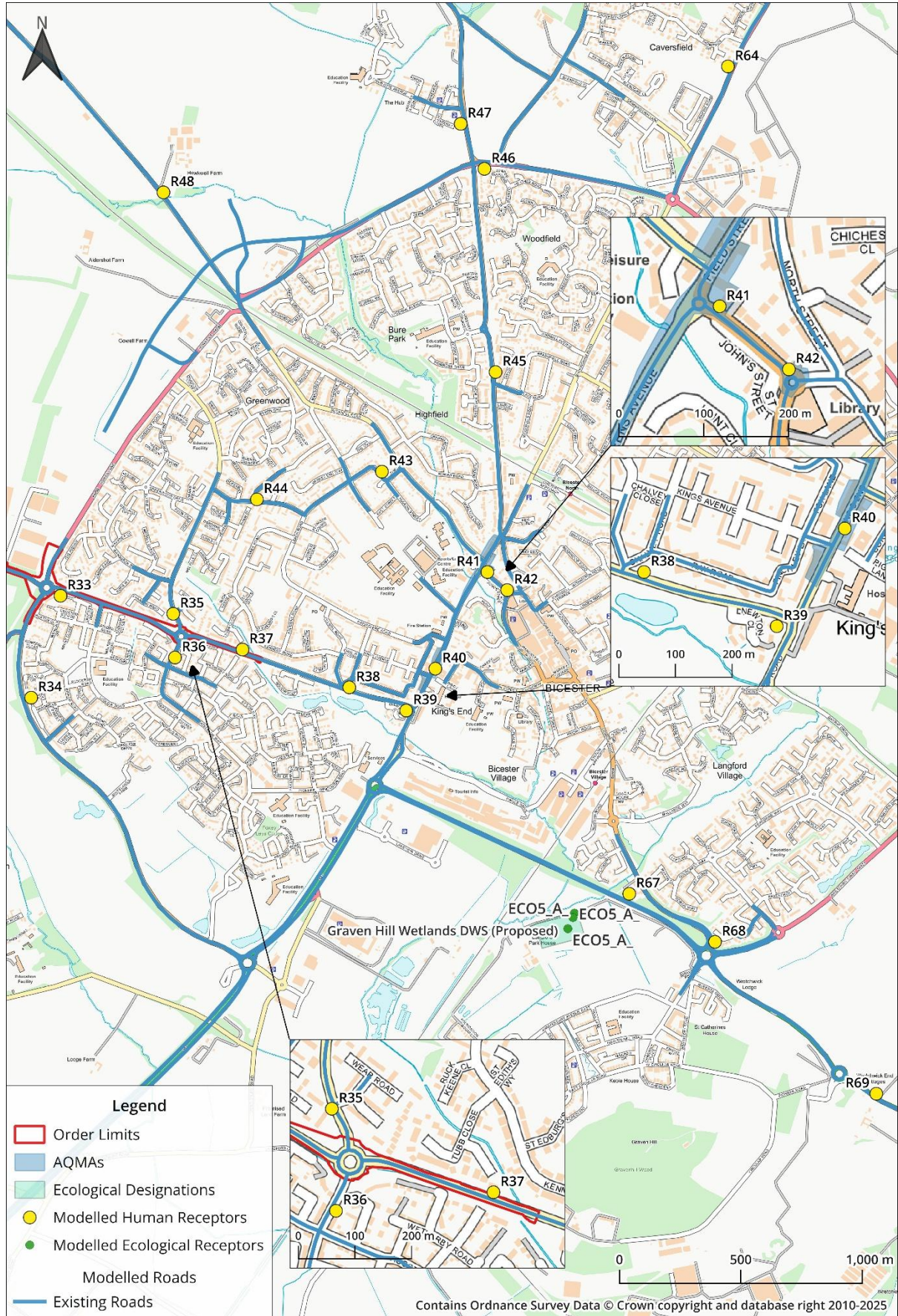


Figure 4.10: Modelled Roads and Receptors (Bucknell)

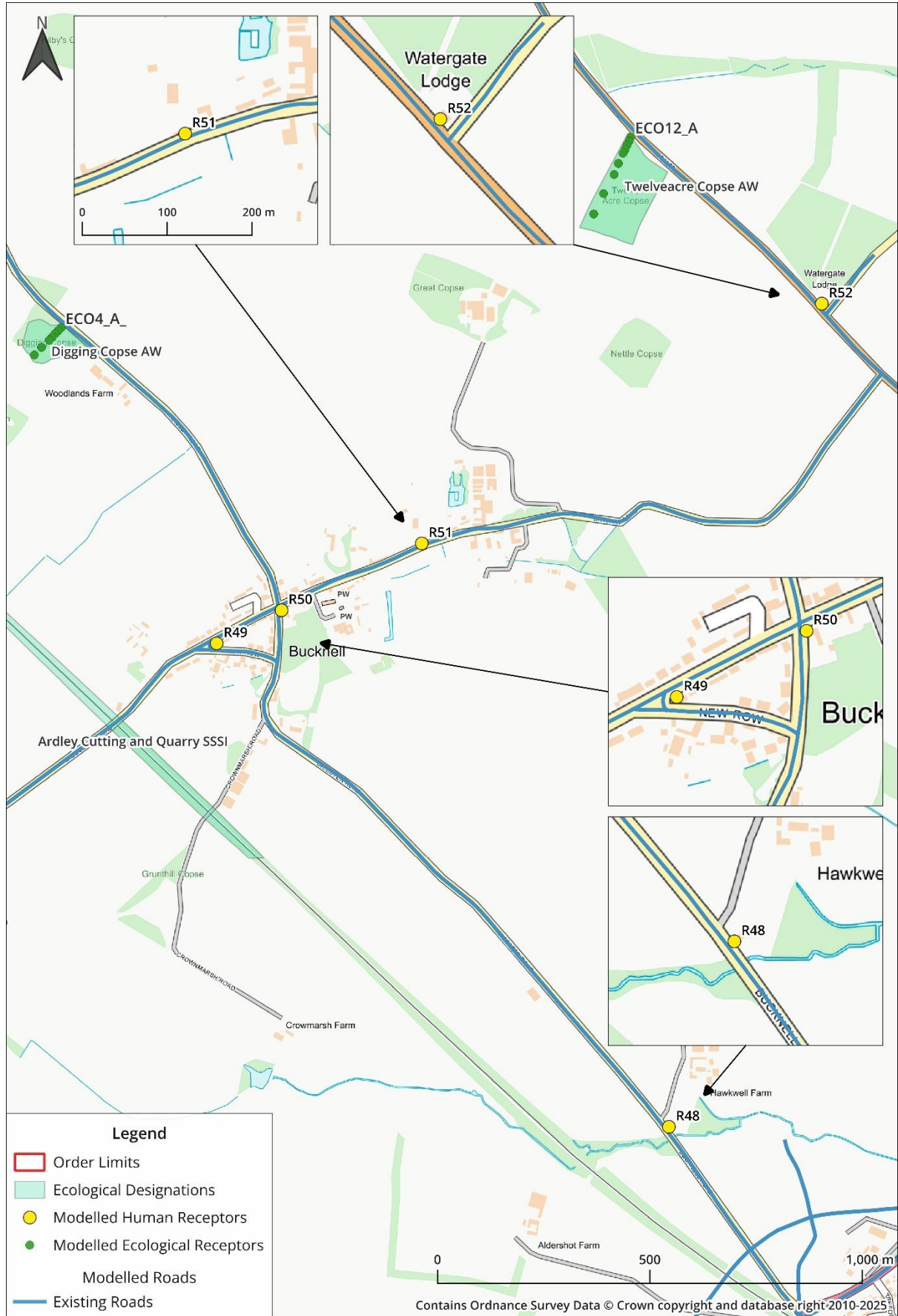


Figure 4.11: Modelled Roads and Receptors (Fritwell and Somerton)

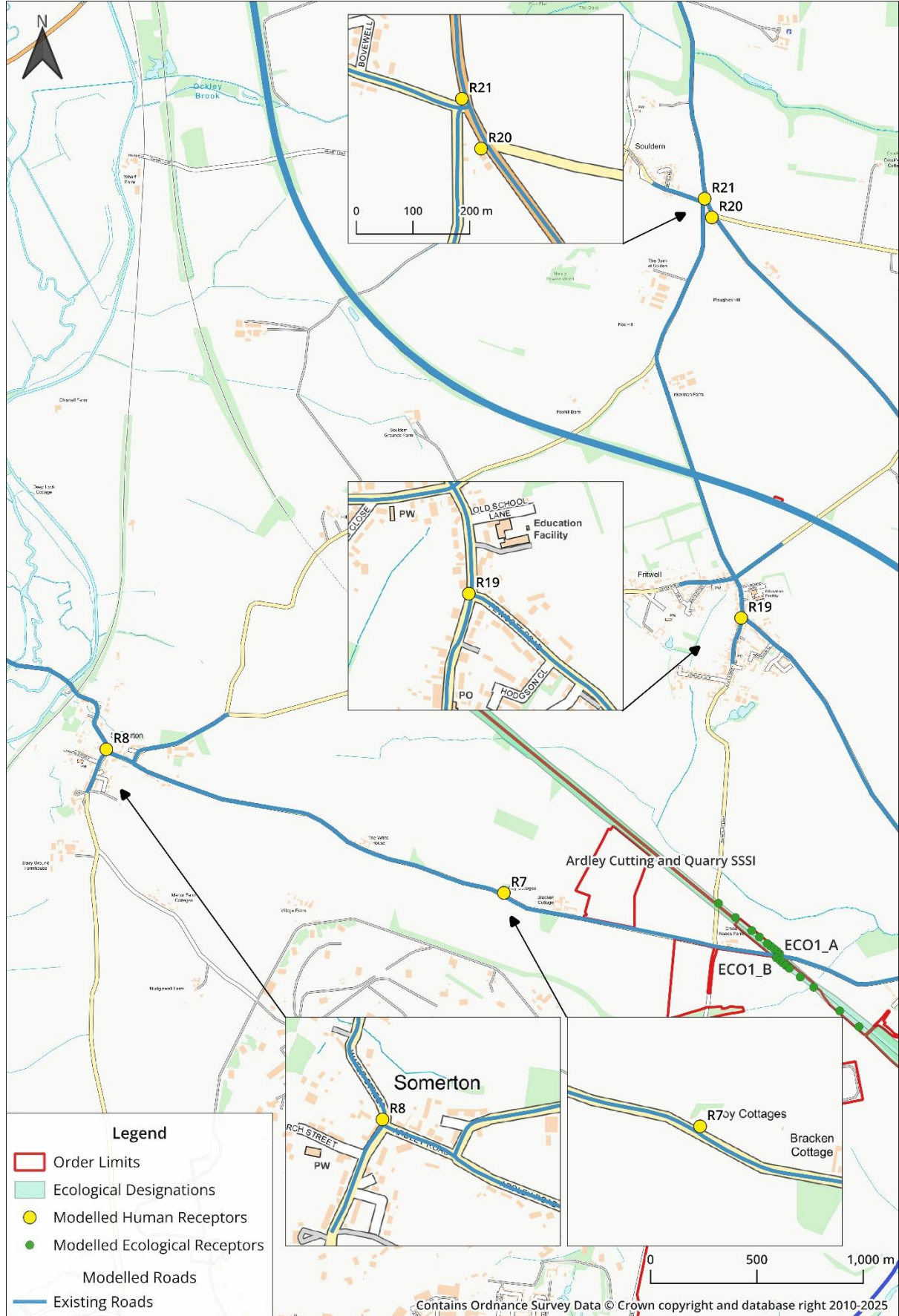


Figure 4.12: Modelled Roads and Receptors (Deddington)

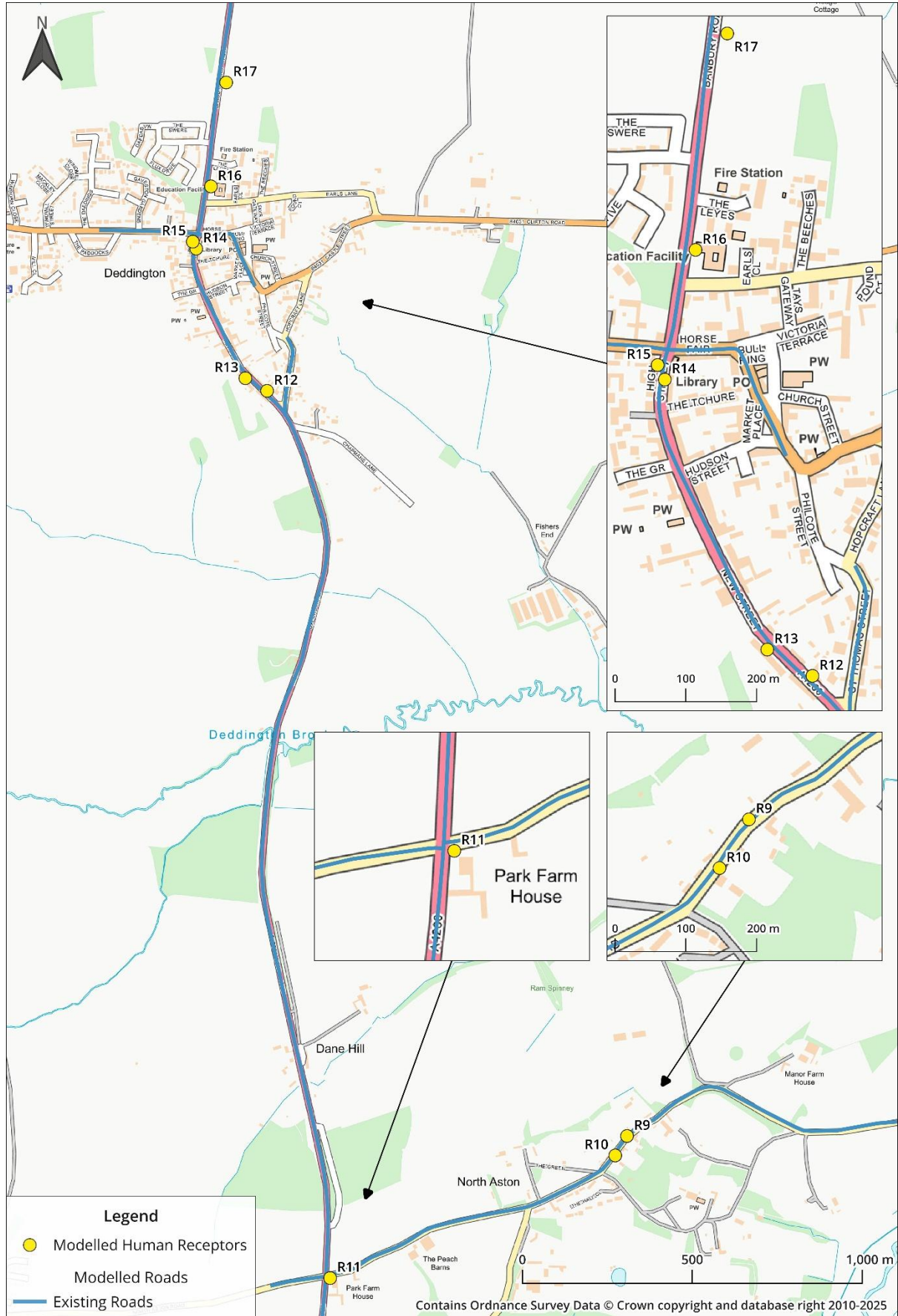


Figure 4.13: Modelled Roads and Receptors (Baynard's Green)

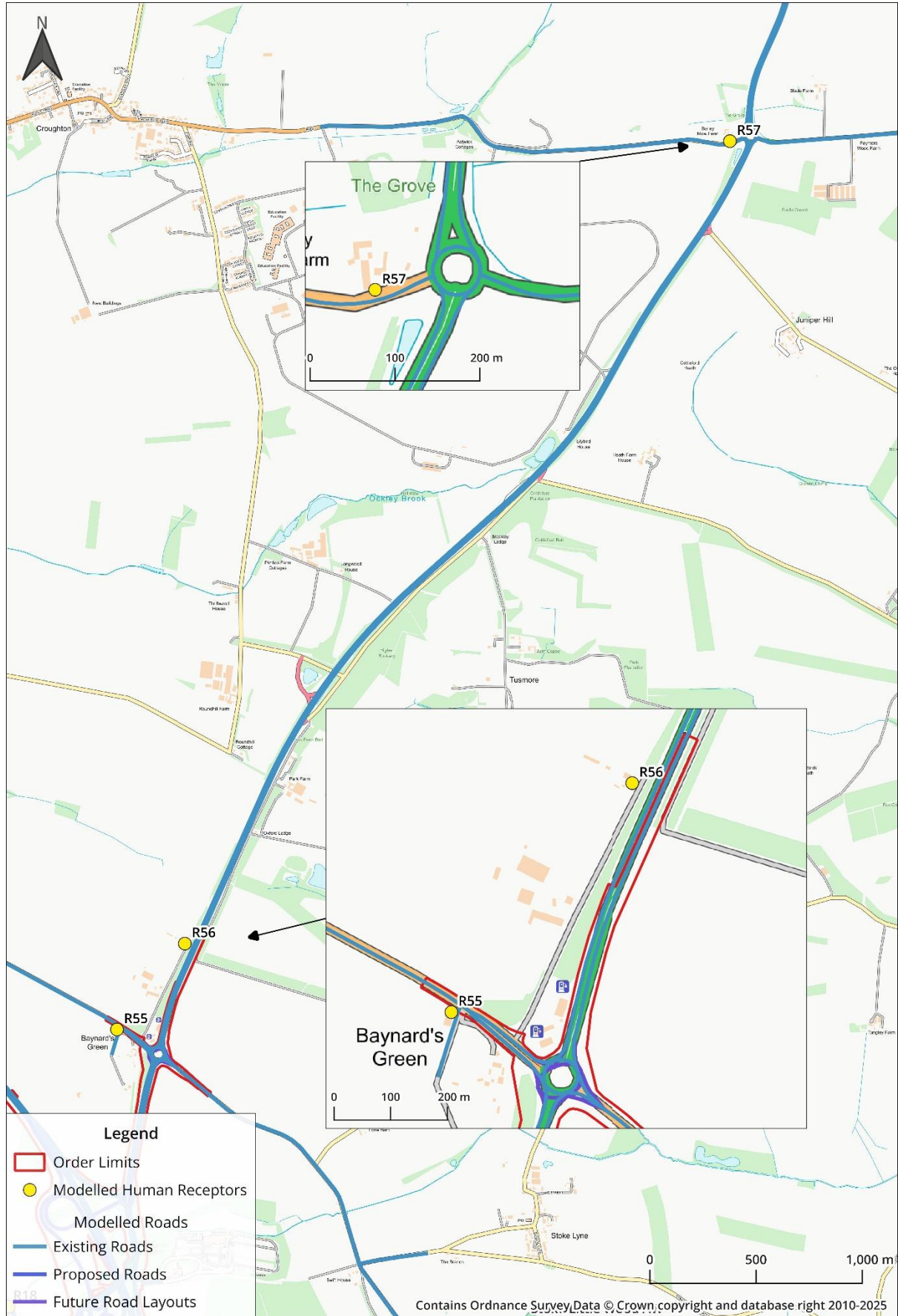


Figure 4.14: Modelled Roads and Receptors (Firmere)

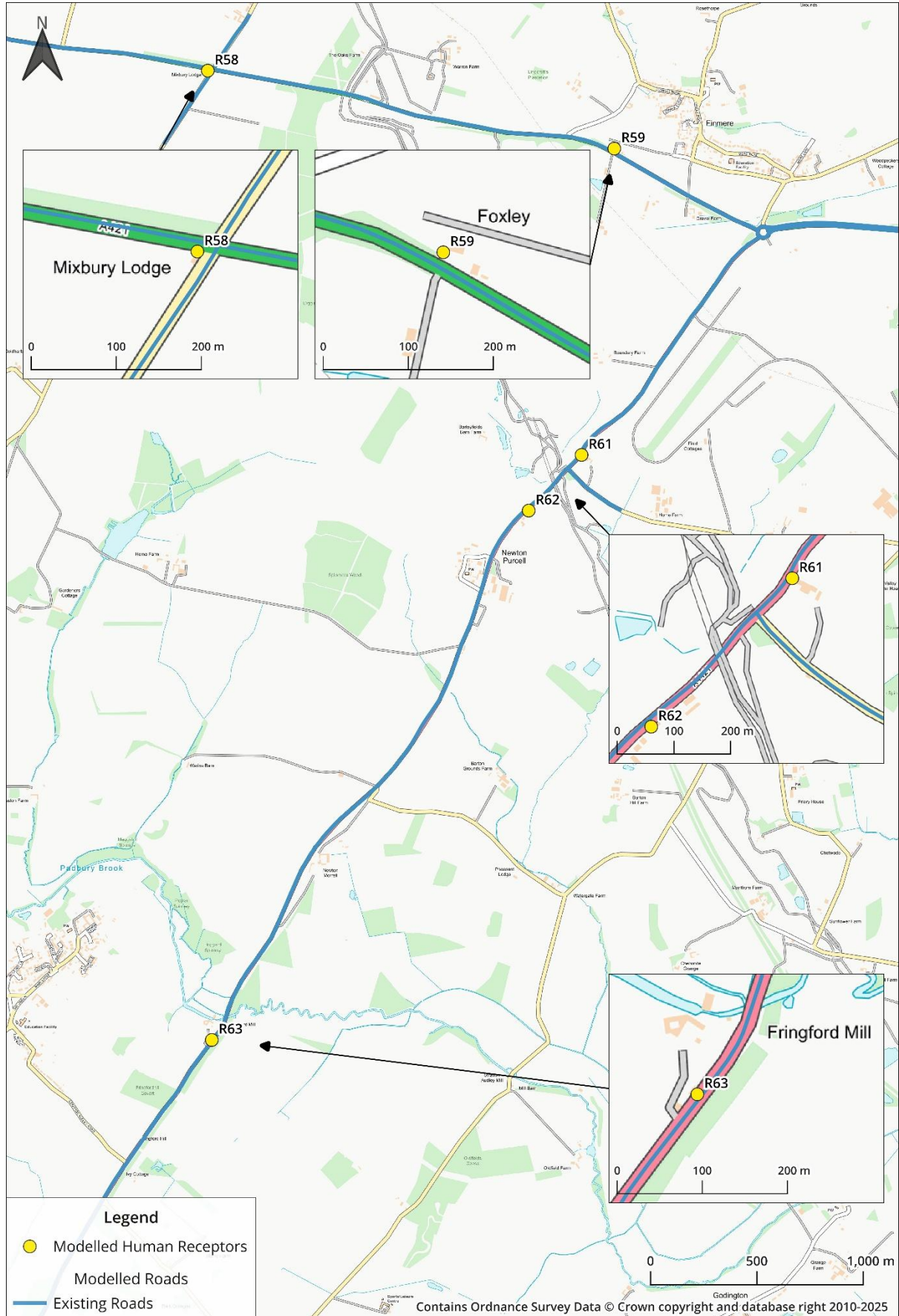


Figure 4.15: Modelled Roads and Receptors (East of Bicester)



Figure 4.16: Modelled Roads and Receptors (A40 Aylesbury Road)

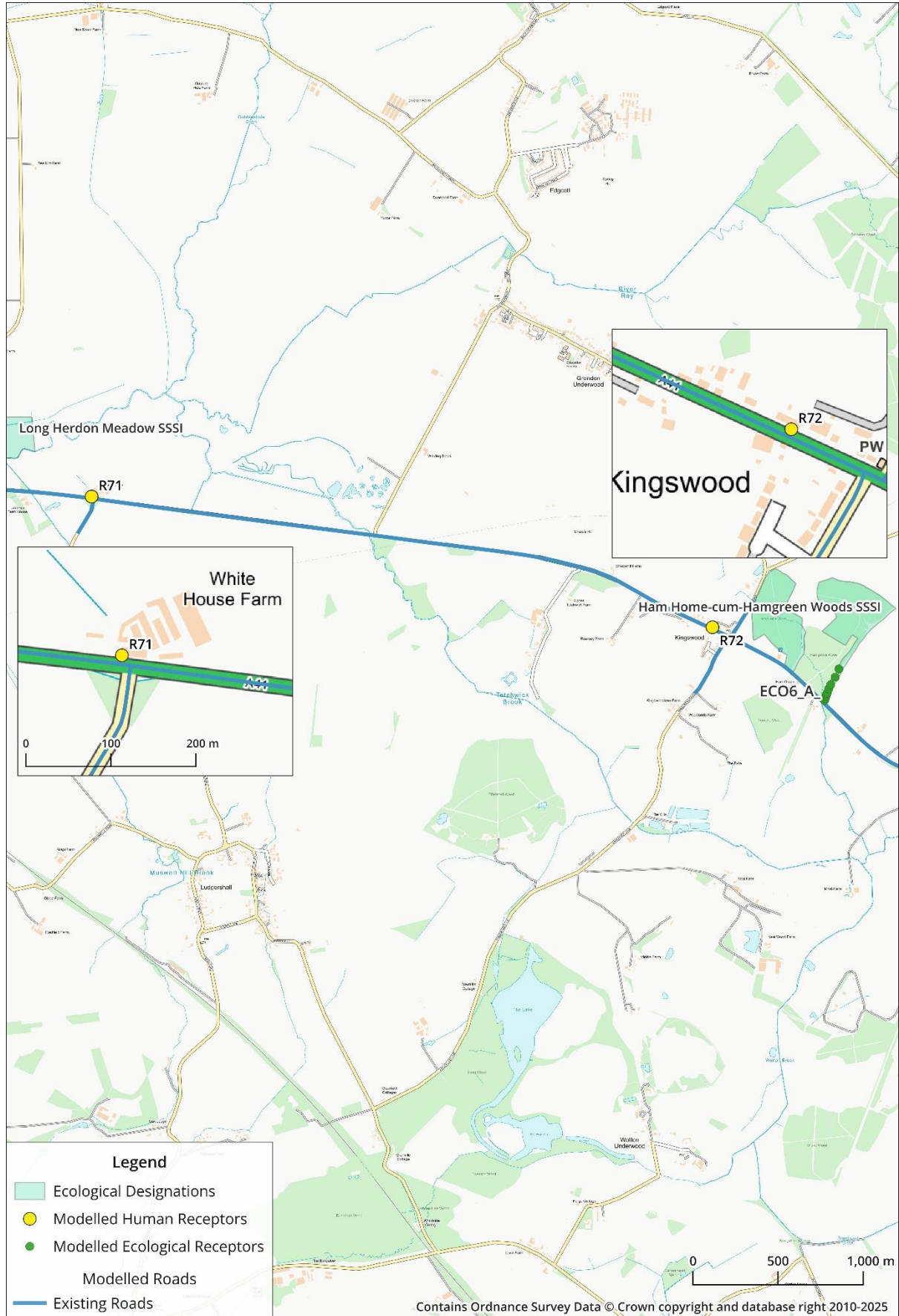


Figure 4.17: Modelled Roads and Receptors (Kirtlington)

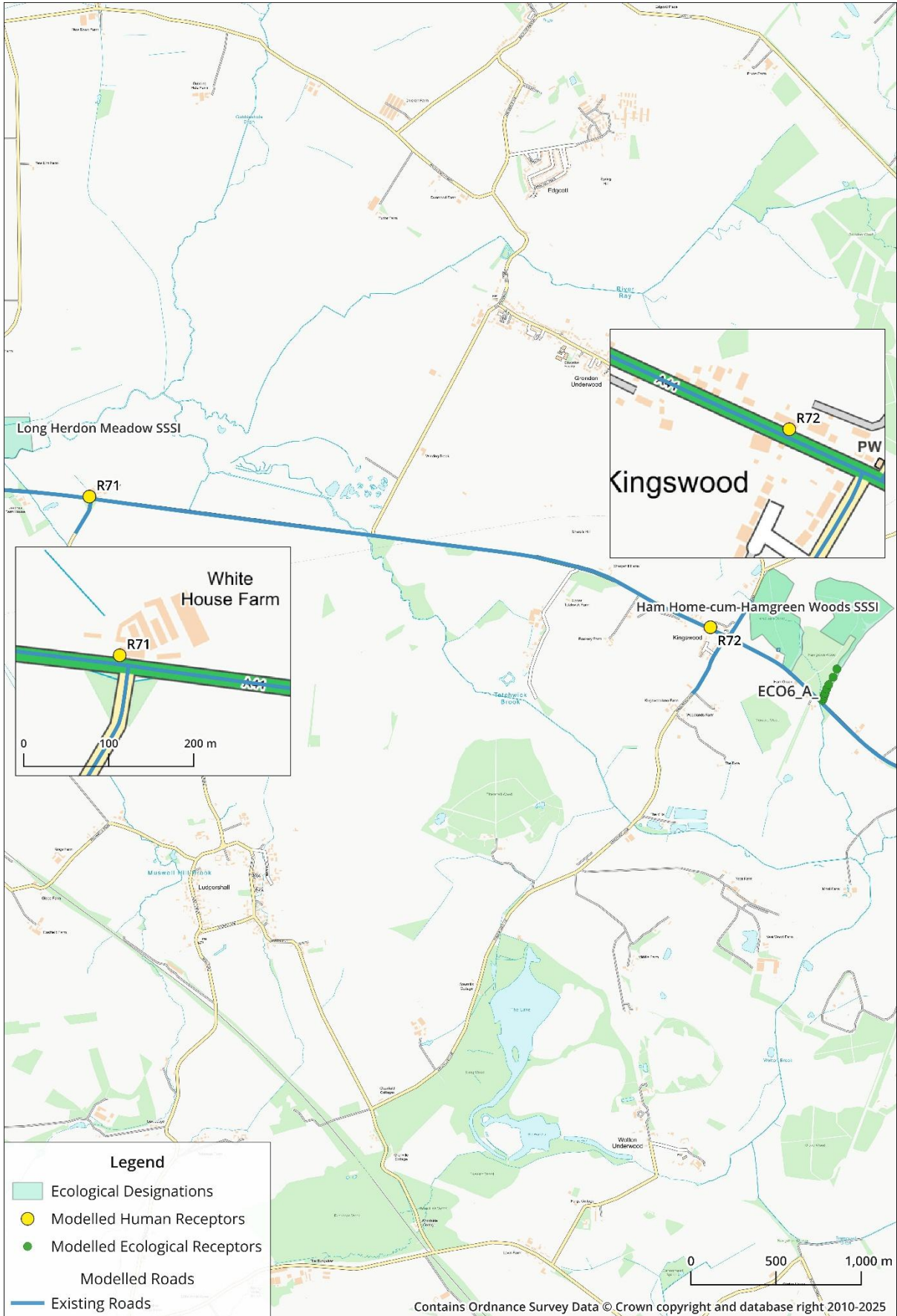


Figure 4.18: Modelled Roads and Receptors (Wendlebury)

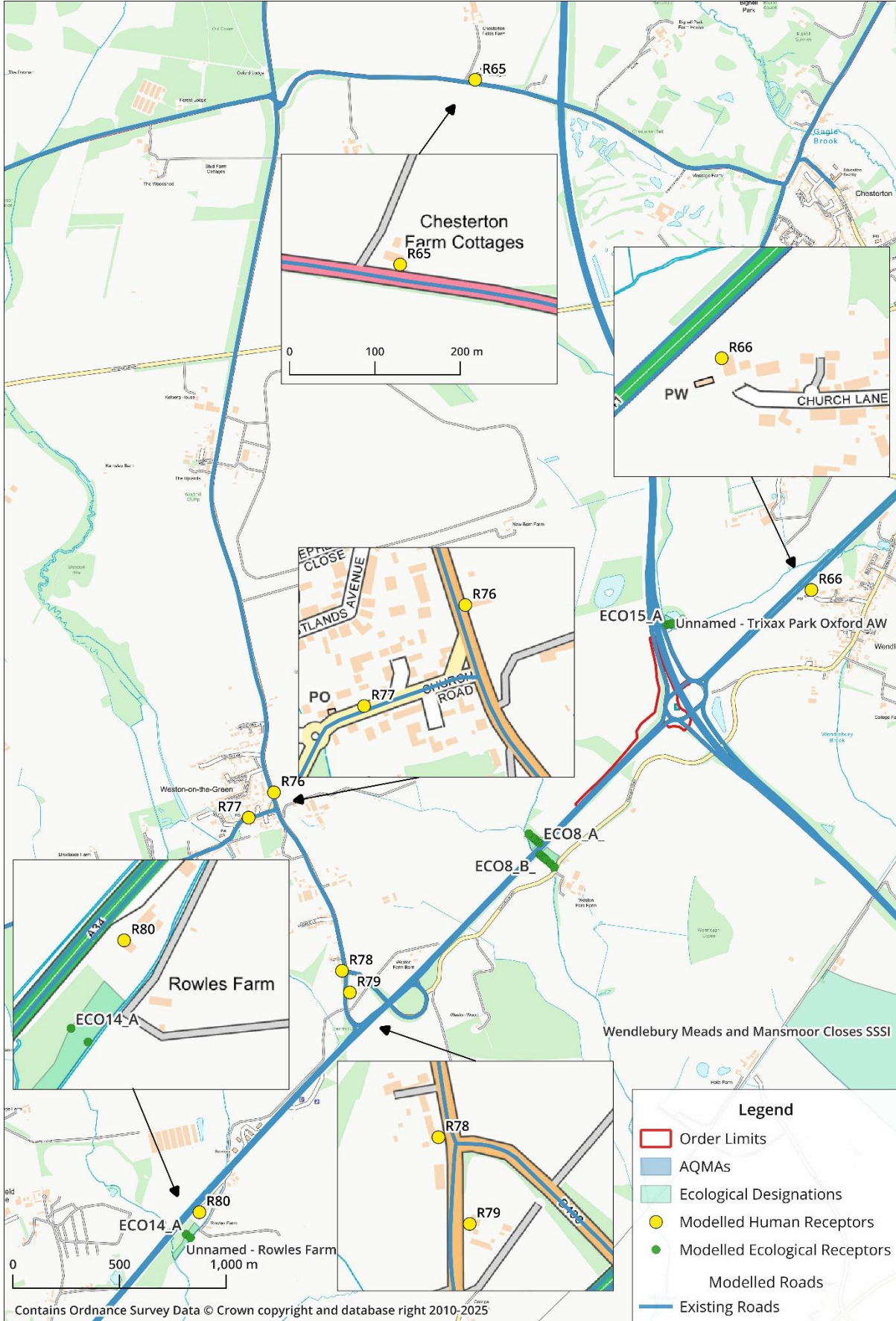


Figure 4.19: Modelled Roads and Receptors (M40 South)

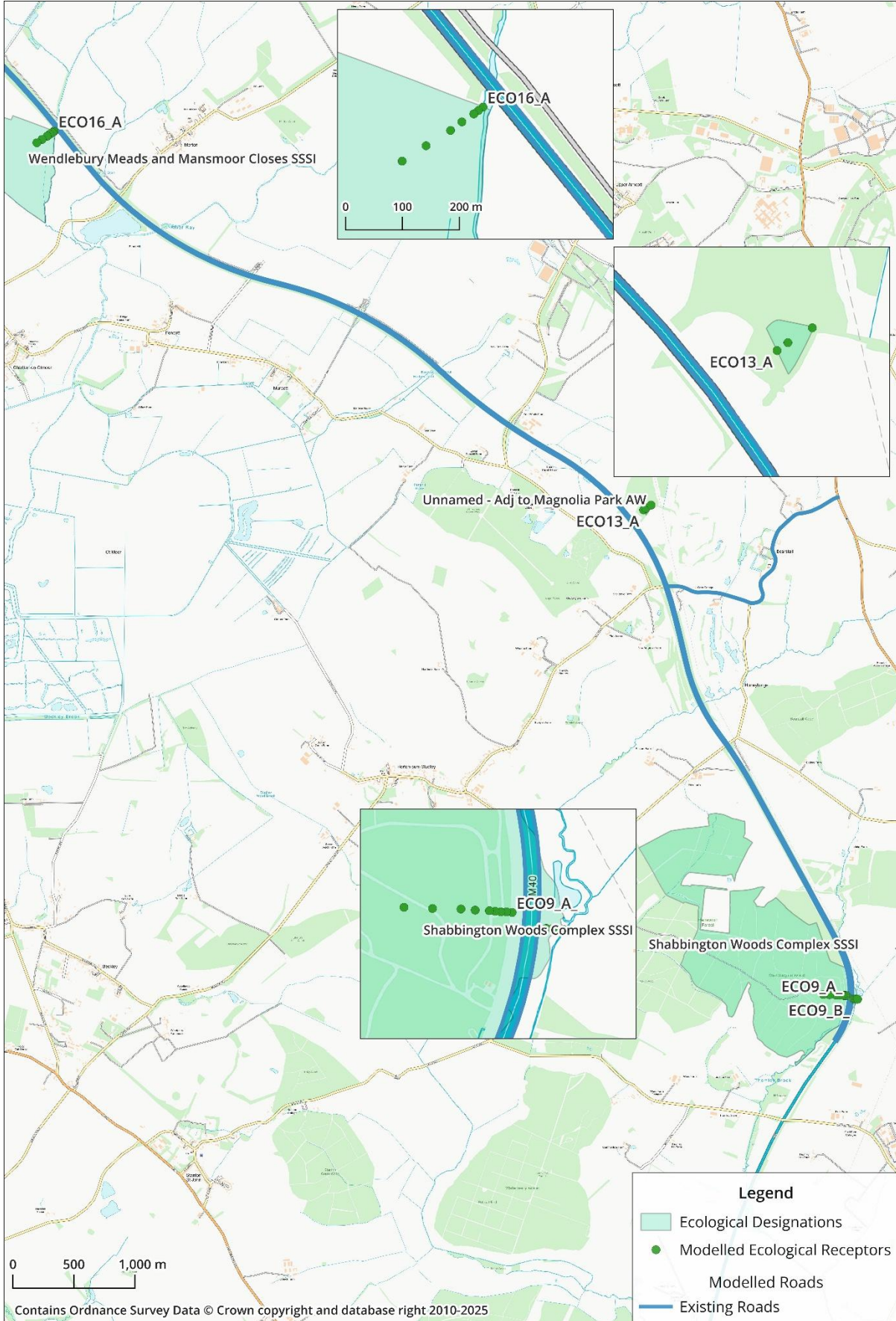


Figure 4.20: Modelled Roads and Receptors (Banbury)

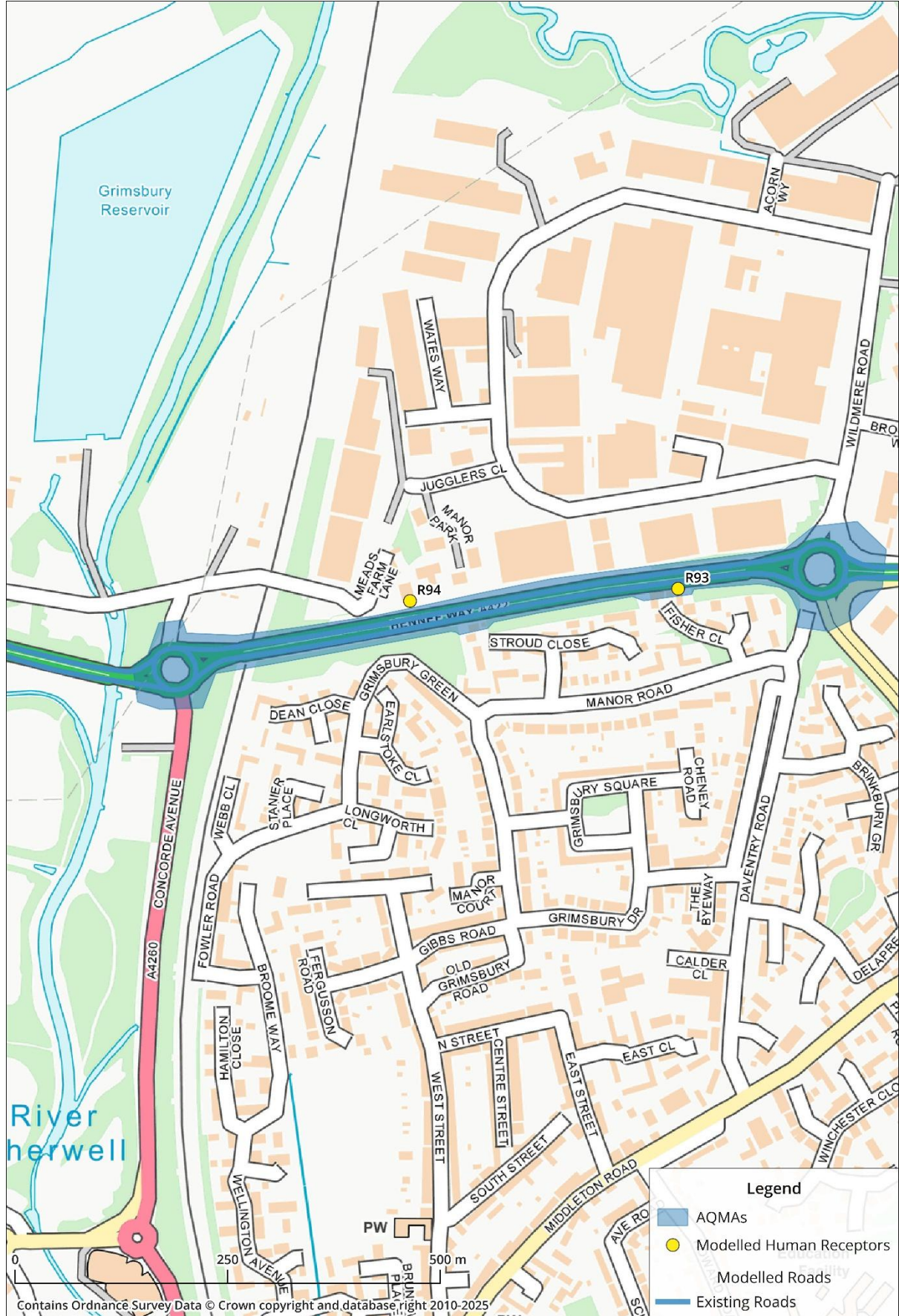


Figure 4.21: Modelled Roads and Receptors (Oxford West)

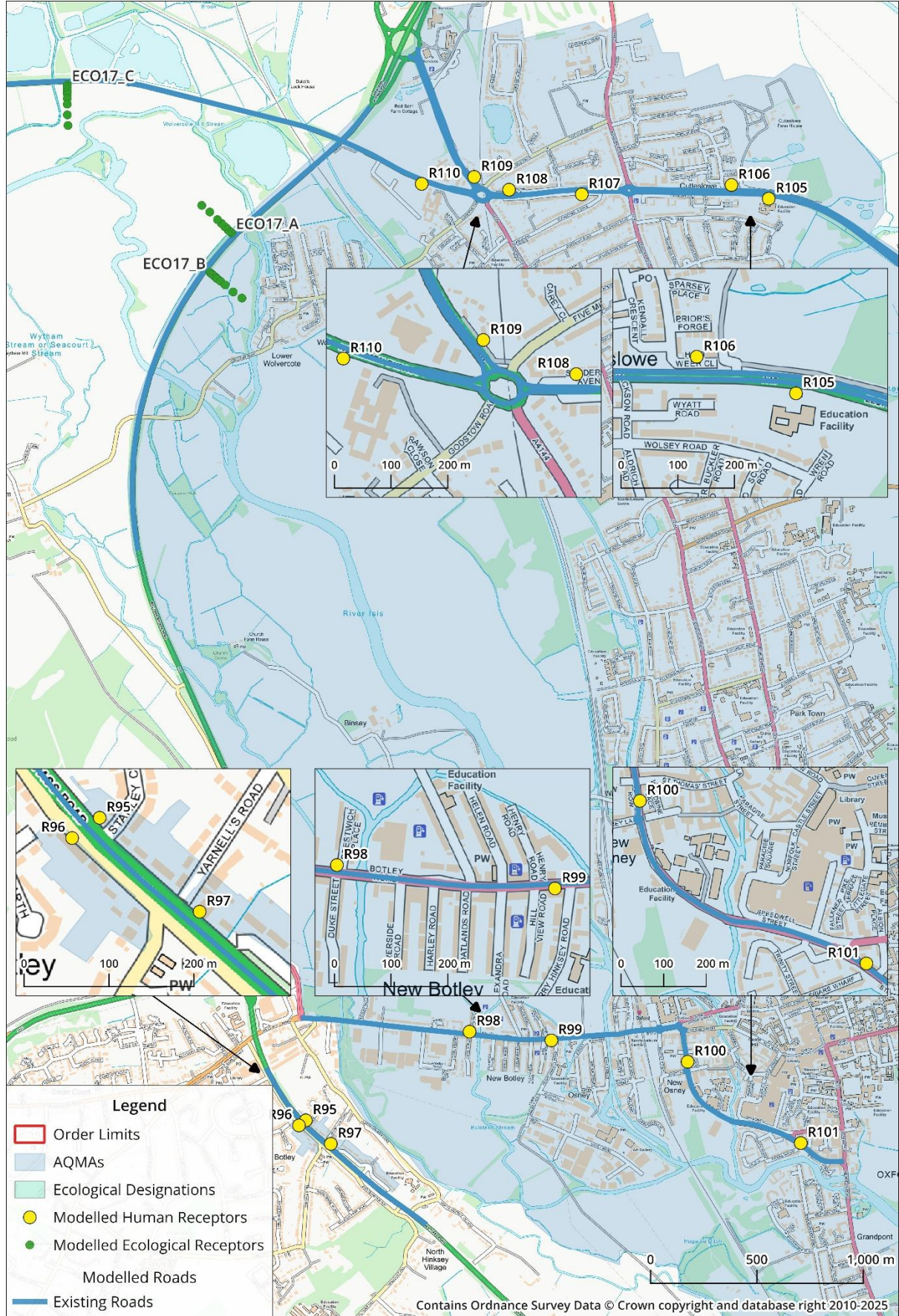


Figure 4.22: Modelled Roads and Receptors (Oxford East)

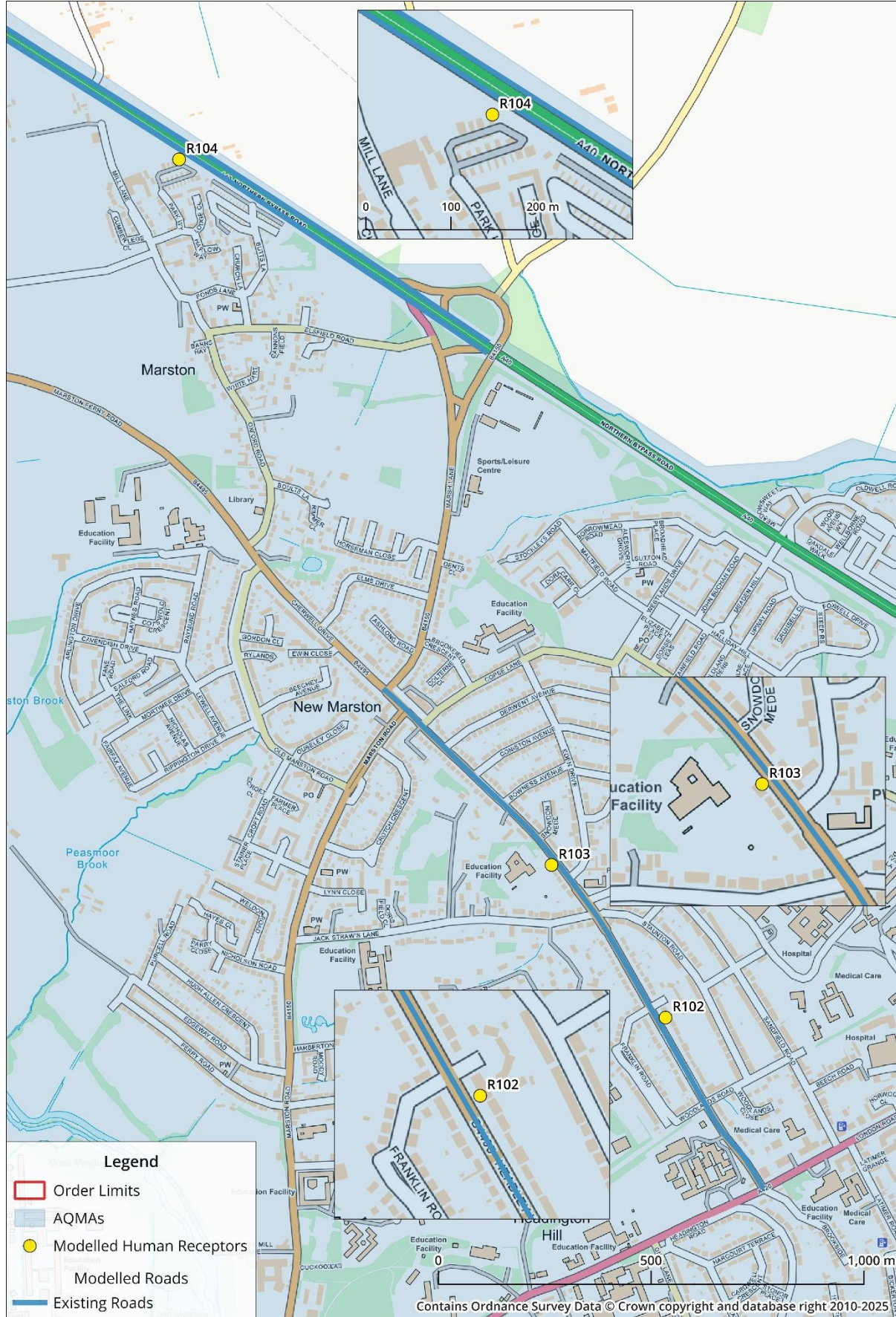


Figure 4.23: Modelled Concentrations of NO₂ Across the Site in 2034



Figure 4.24: Modelled Concentrations of PM₁₀ Across the Site in 2034



Figure 4.25: Modelled Concentrations of PM_{2.5} Across the Site in 2034



Figure 4.26: Modelled Sources and Receptors (Odour)

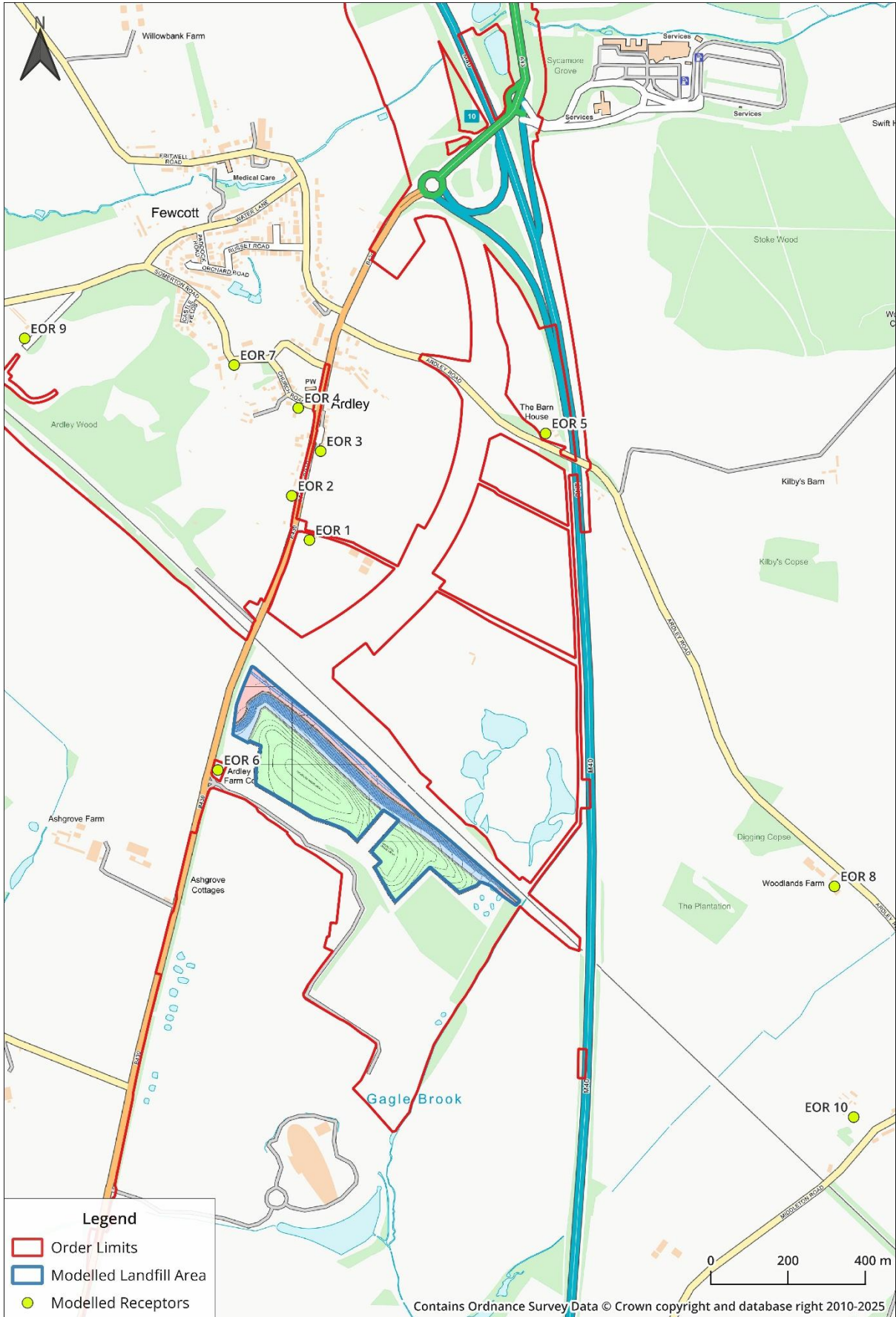


Figure 4.27: Odour Survey (Sniff-test) Locations

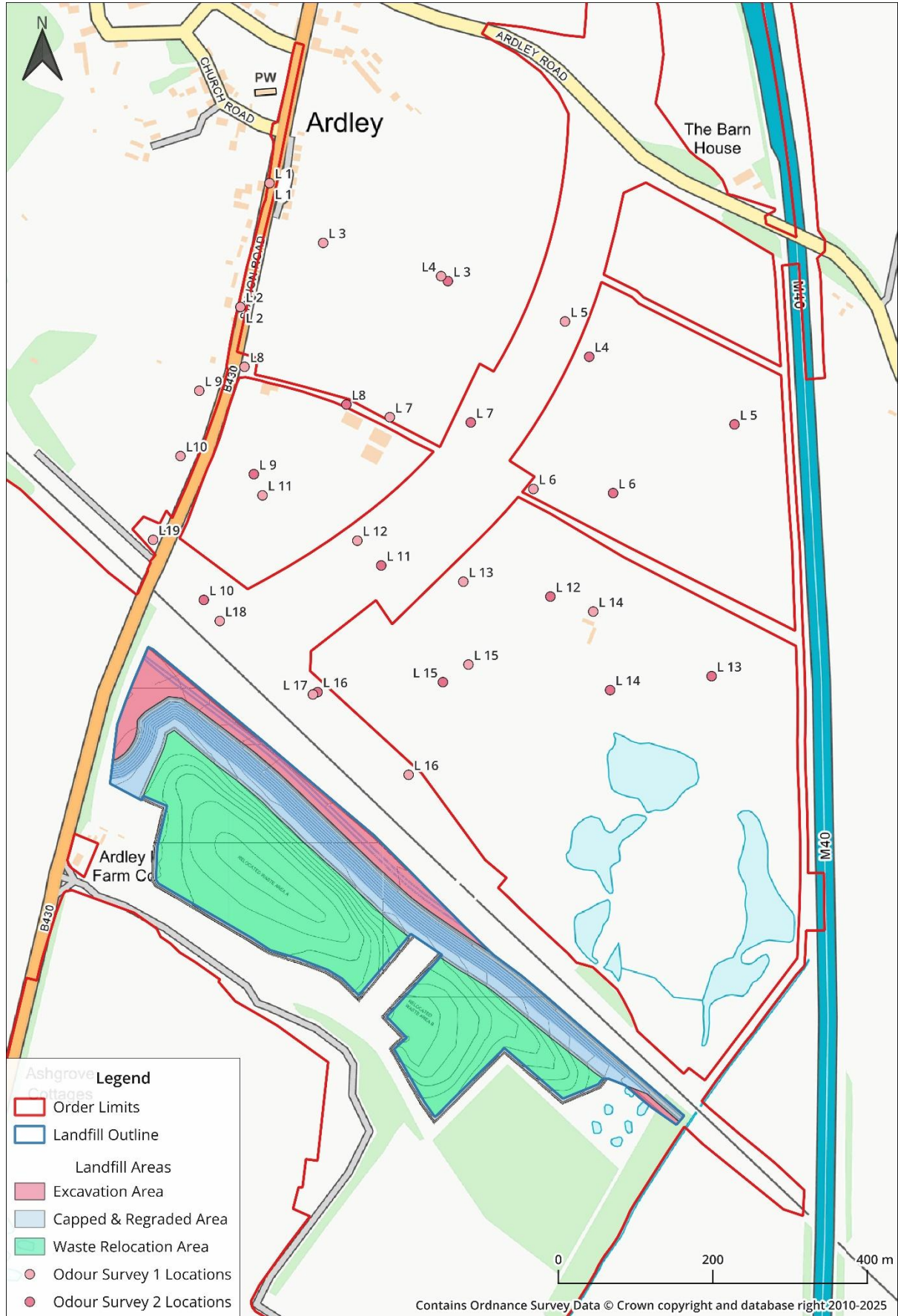


Figure 4.28: Modelled 98th Percentile Odour Concentrations (Landfill Cell A (E1))

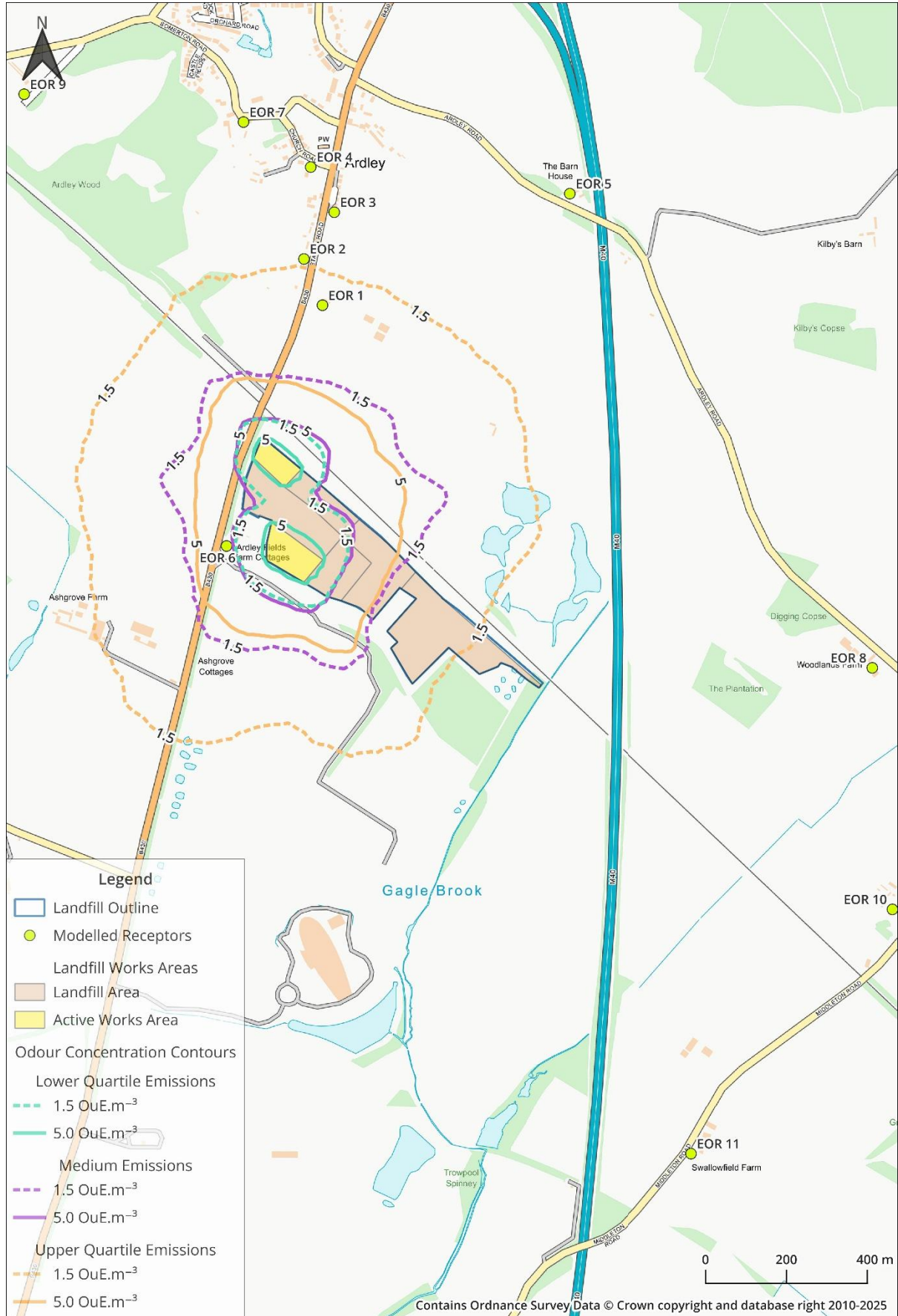


Figure 4.29: Modelled 98th Percentile Odour Concentrations (Landfill Cell A (E2))

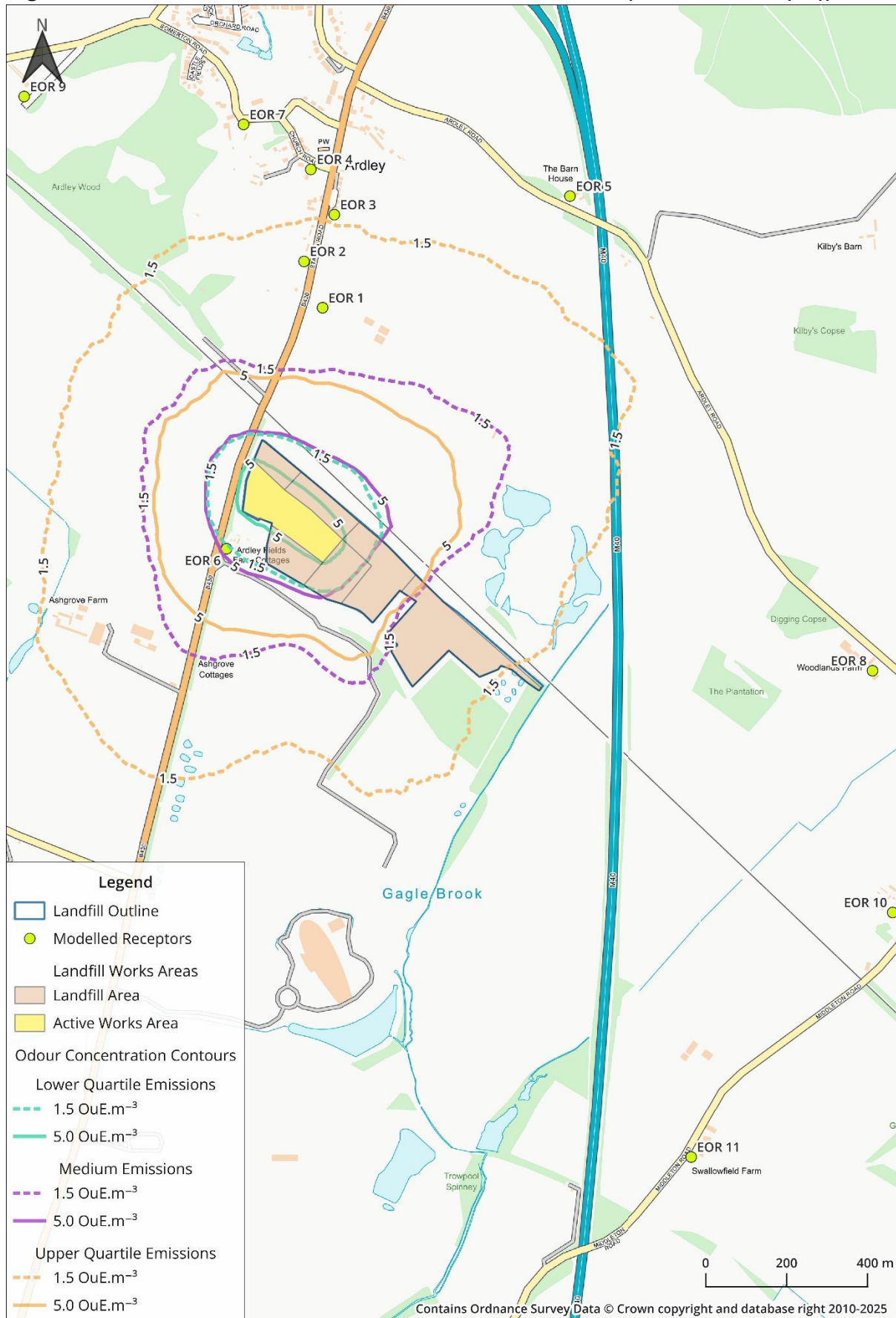


Figure 4.30: Modelled 98th Percentile Odour Concentrations (Landfill Cell A (E3))

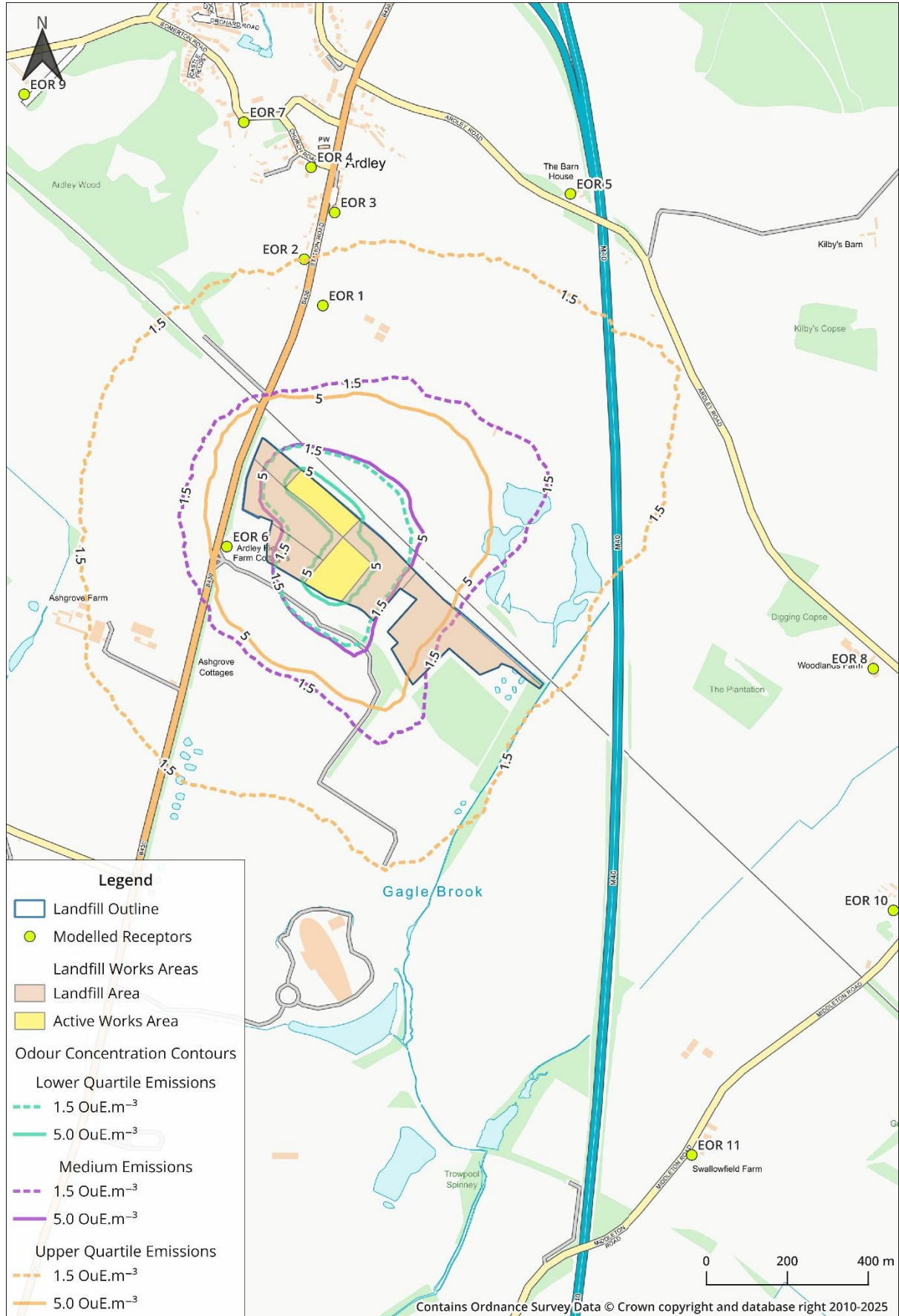


Figure 4.31: Modelled 98th Percentile Odour Concentrations (Landfill Cell A (E4))

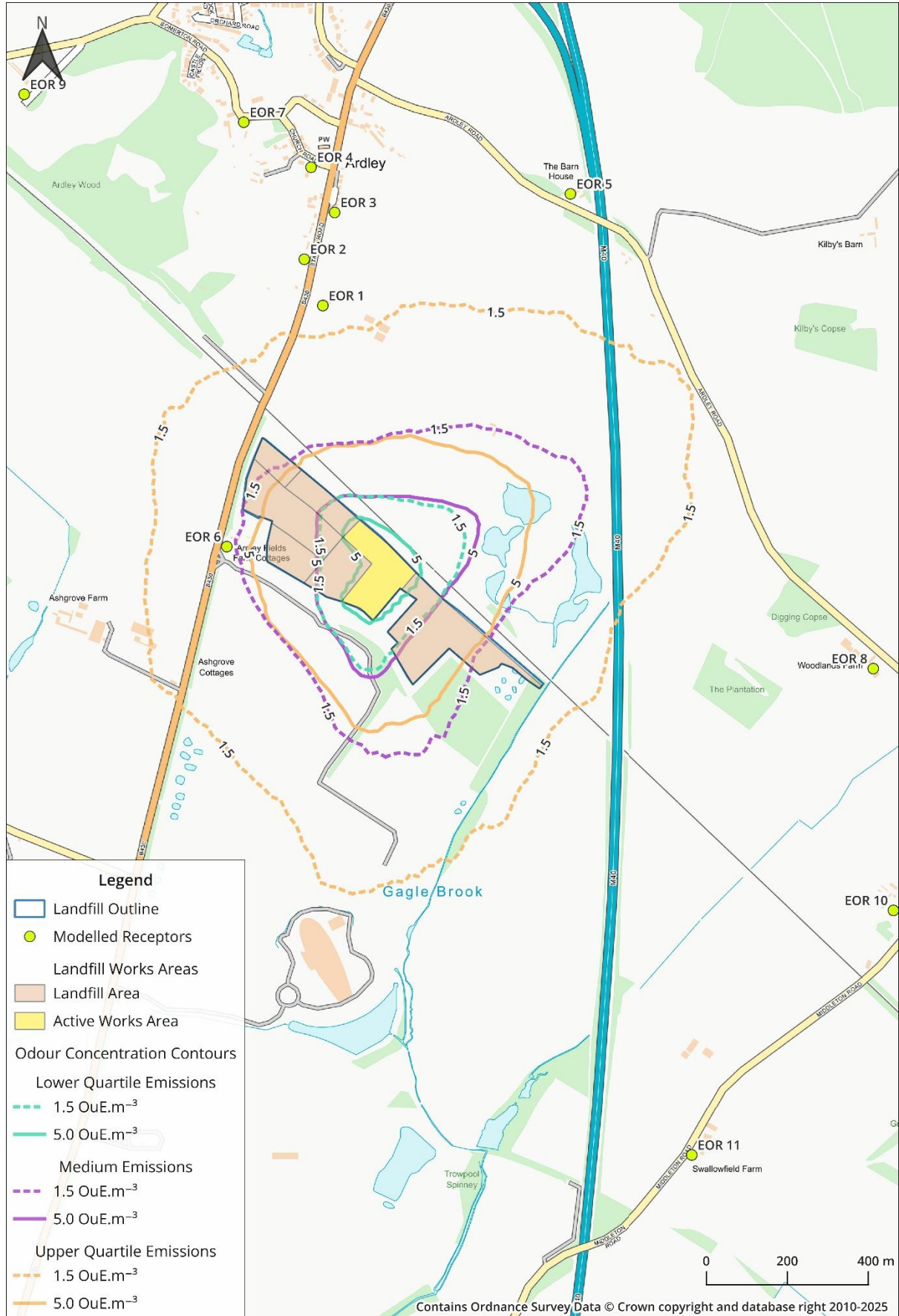


Figure 4.32: Modelled 98th Percentile Odour Concentrations (Landfill Cell B)

