



Enfield Council

LONDON BOROUGH OF ENFIELD

Air Dispersion Modelling Assessment, Volume 2
(Figures)





Enfield Council

LONDON BOROUGH OF ENFIELD

Air Dispersion Modelling Assessment, Volume 2A (Figures)

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WSP





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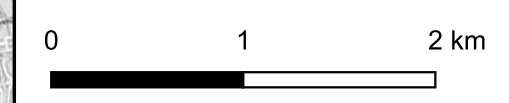
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Key

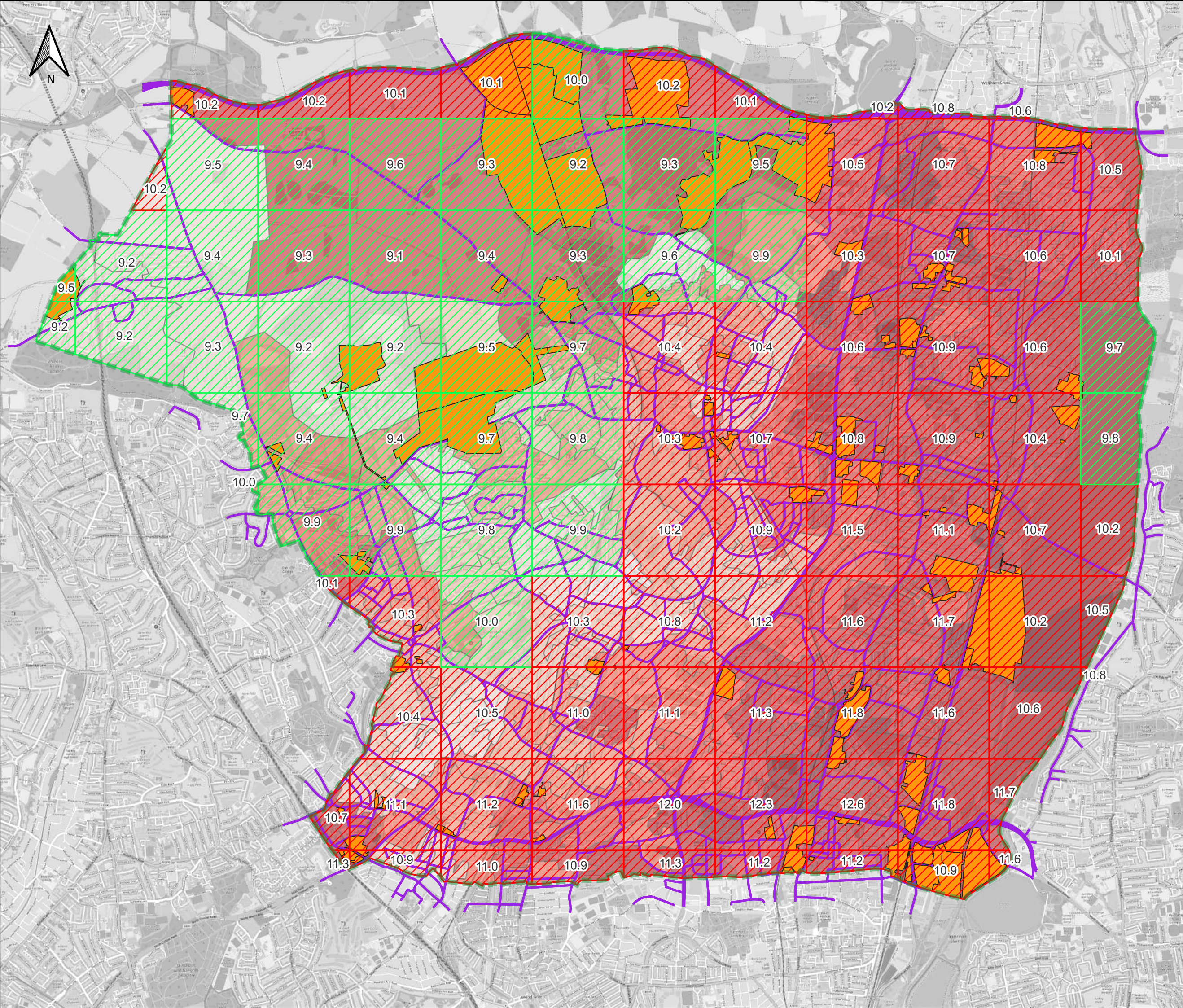
-  Enfield Council Boundary / Enfield AQMA Boundary
-  Air Quality Focus Area
-  Diffusion Tube Monitoring Location
-  Automatic Monitoring Location

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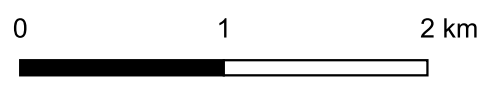
Figure A-1: AQMA, AQFA and Air Quality Monitoring in Enfield



Key

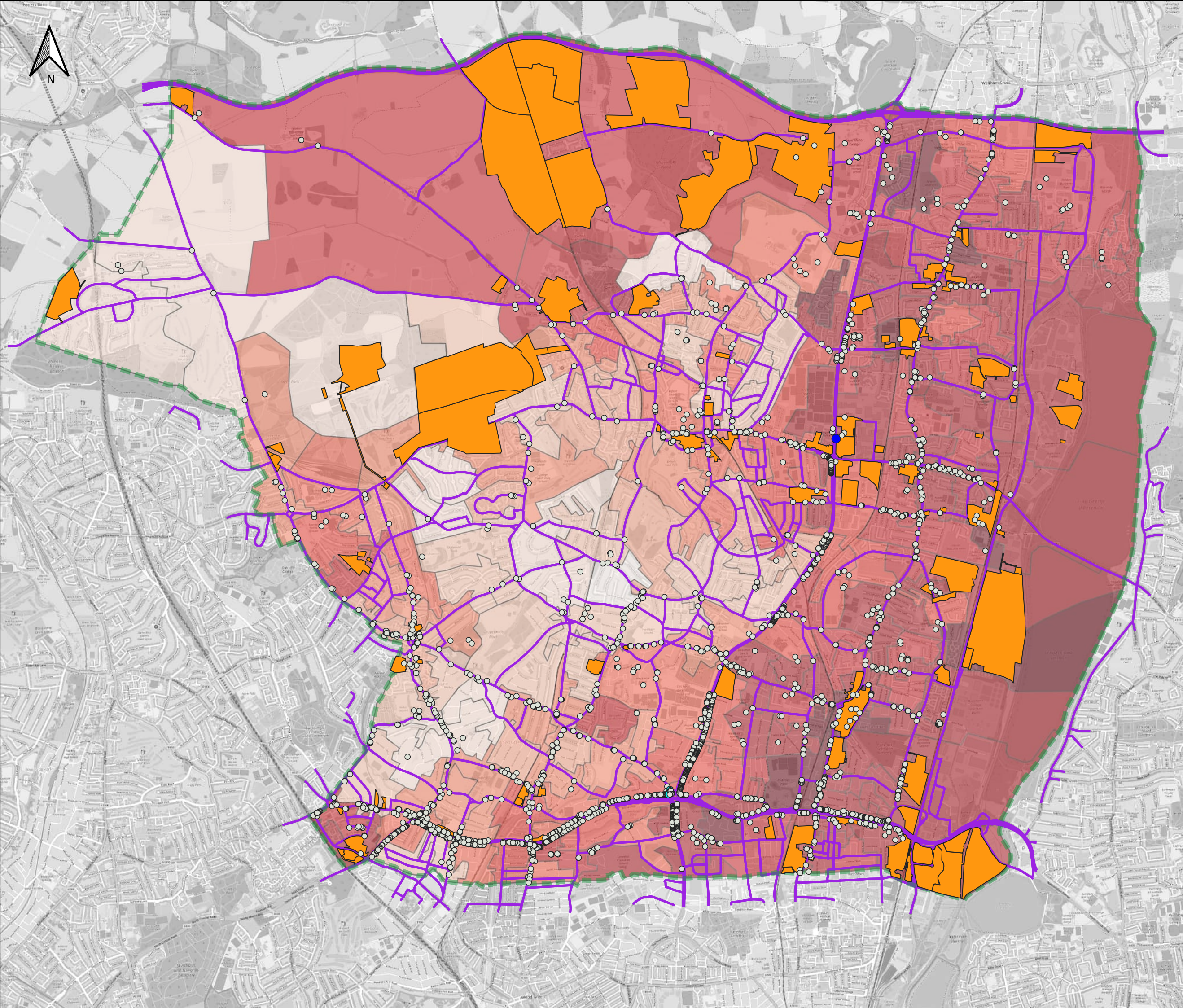
-  Enfield Council Boundary / Enfield AQMA Boundary
- Defra 2030 background annual mean PM_{2.5} (2030 London target = 10µg/m³)**
 -  < 10µg/m³
 -  > 10µg/m³
 -  Reg. 19 site allocation

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

















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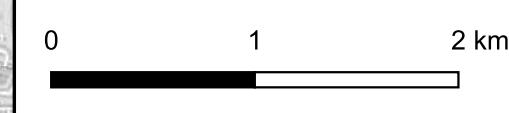
Figure A-2: Predicted 2030 PM_{2.5} Background Concentration



Key

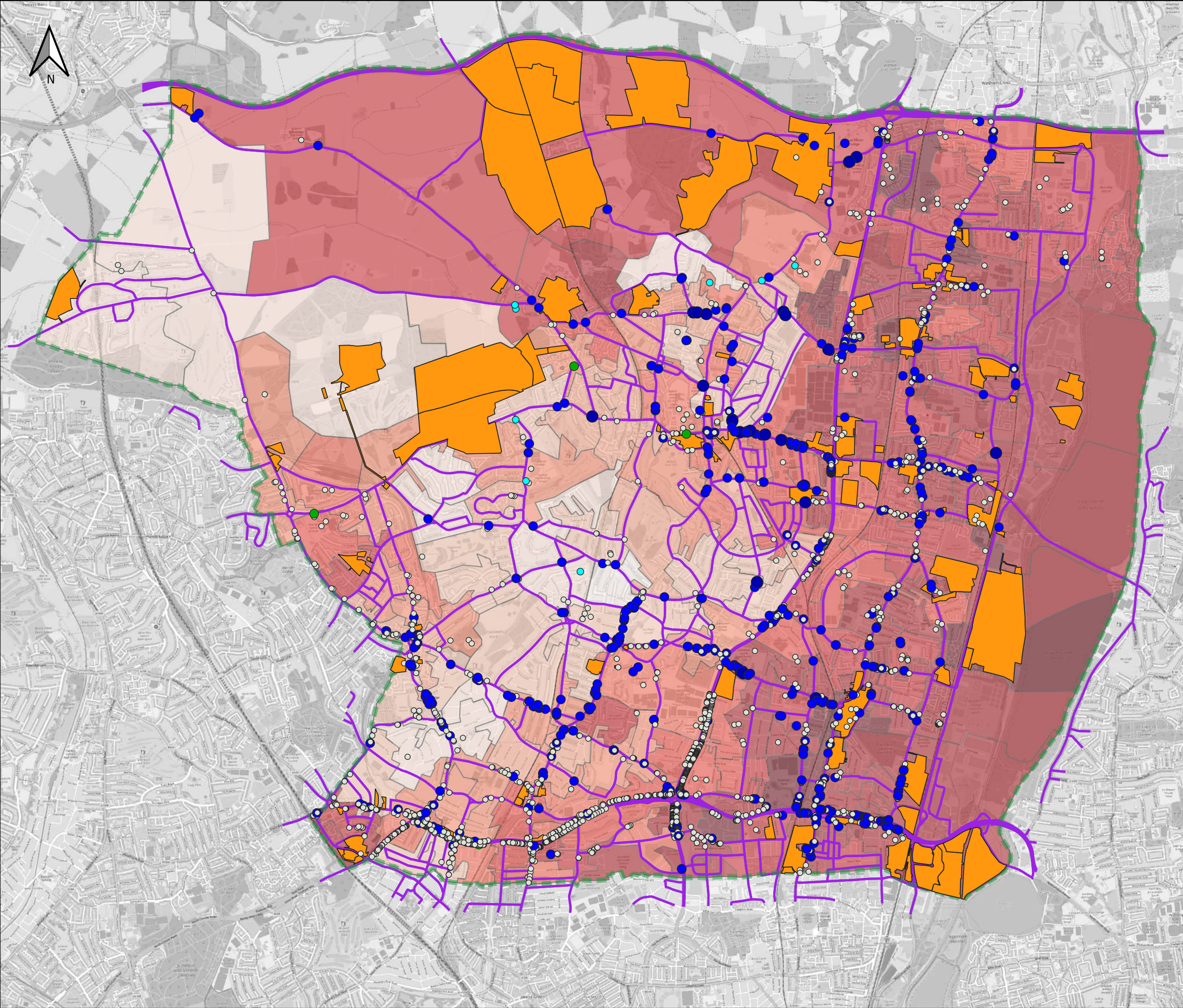
-  Enfield Council Boundary / Enfield AQMA Boundary
-  Modelled roads
- Impact on annual mean NO₂ relative to air quality standard of 40µg/m³**
-  Substantial Beneficial
-  Moderate Beneficial
-  Slight Beneficial
-  Negligible
-  Slight Adverse
-  Moderate Adverse
-  Substantial Adverse
- Indices of Multiple Deprivation (deciles)**
-  1 - most deprived
-  2
-  3
-  4
-  5
-  6
-  7
-  8
-  9
-  10 - least deprived
-  Reg. 19 site allocation

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Figure A-3: Impact on Annual Mean NO₂ Concentrations



Key

- Enfield Council Boundary / Enfield AQMA Boundary
- Modelled roads

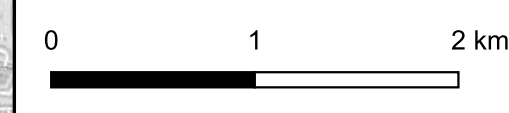
Impact on annual mean PM_{2.5} relative to 2030 London target of 10µg/m³

- Substantial Beneficial
- Moderate Beneficial
- Slight Beneficial
- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse

Indices of Multiple Deprivation (deciles)

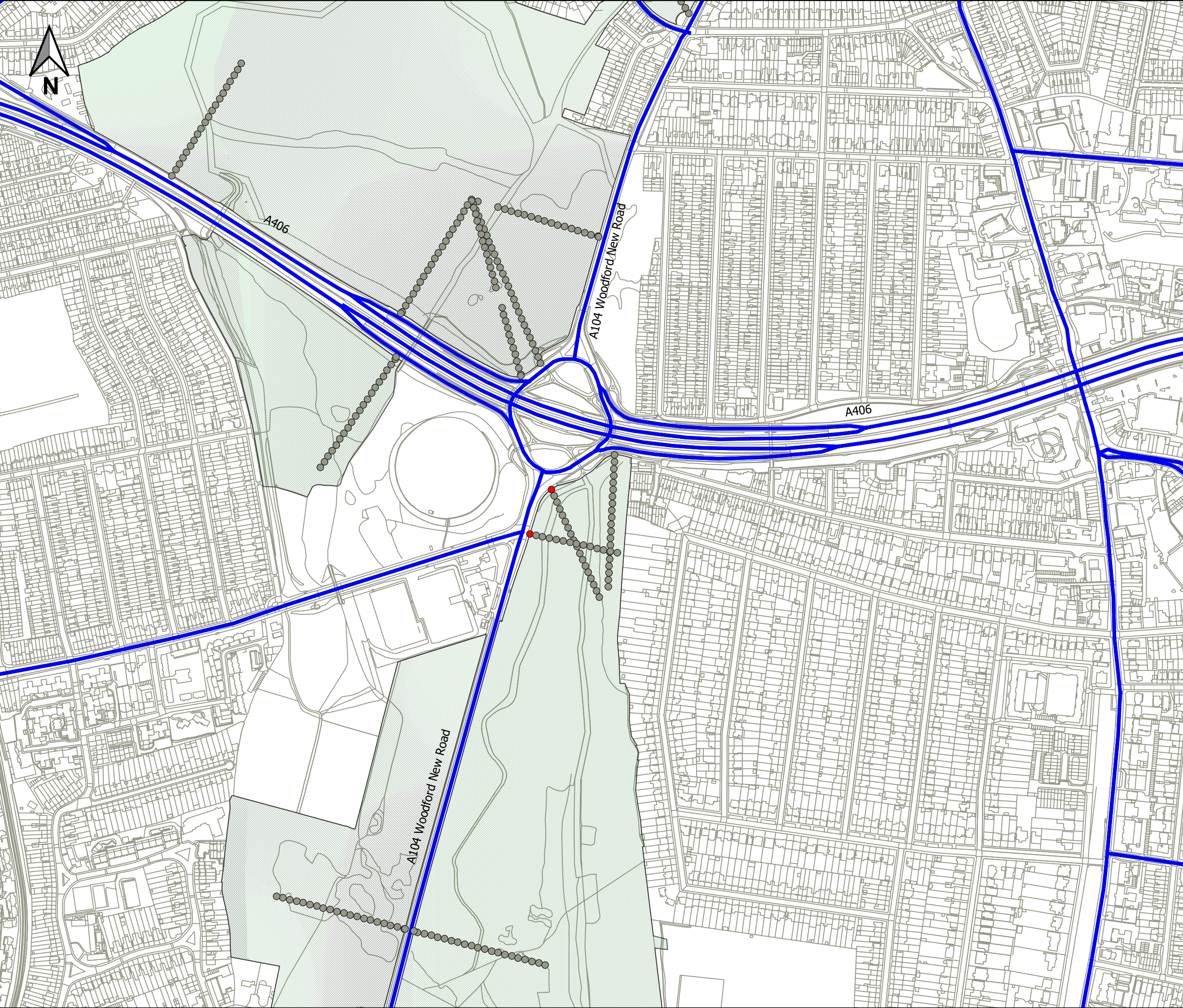
- 1 - most deprived
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 - least deprived
- Reg. 19 site allocation

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Figure A-4: Impact on Annual Mean PM_{2.5} Concentrations Relative to Mayor of London's Target for 2030



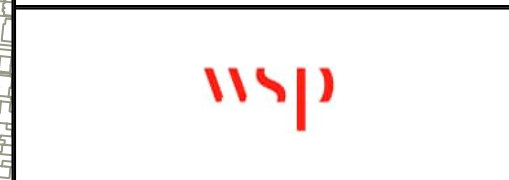
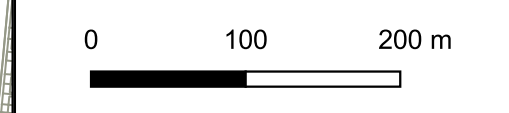
Key

-  Designated site
-  Modelled road

Impact relative to critical level

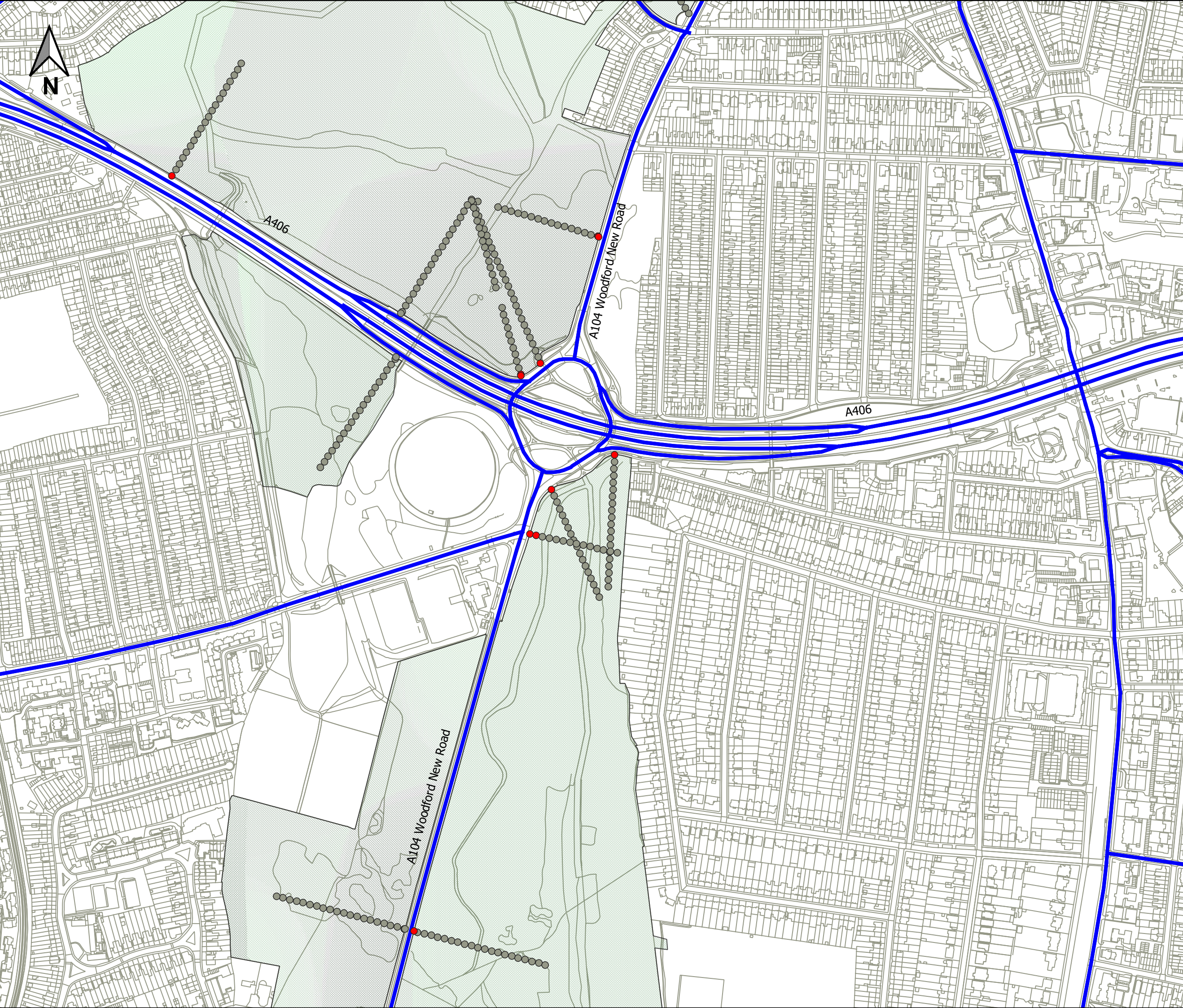
-  Not exceeding 1% screening threshold
-  Increase >1% screening threshold

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Figure A-5: Epping Forest SAC
 A406 North Circular and Woodford
 New Road (NOx)



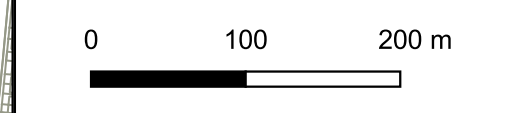
Key

-  Designated site
-  Modelled road

Impact relative to critical level

-  Not exceeding 1% screening threshold
-  Increase >1% screening threshold

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Figure A-6: Epping Forest SAC
 A406 North Circular and Woodford
 New Road (NH₃)