
NORTH LONDON WASTE AUTHORITY

NORTH LONDON HEAT AND POWER PROJECT

ENVIRONMENTAL STATEMENT: VOLUME 2 FIGURES 2.1 TO 2.18

The Planning Act 2008 The Infrastructure
Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009
Regulation 5 (2) (a)

AD06 . 02

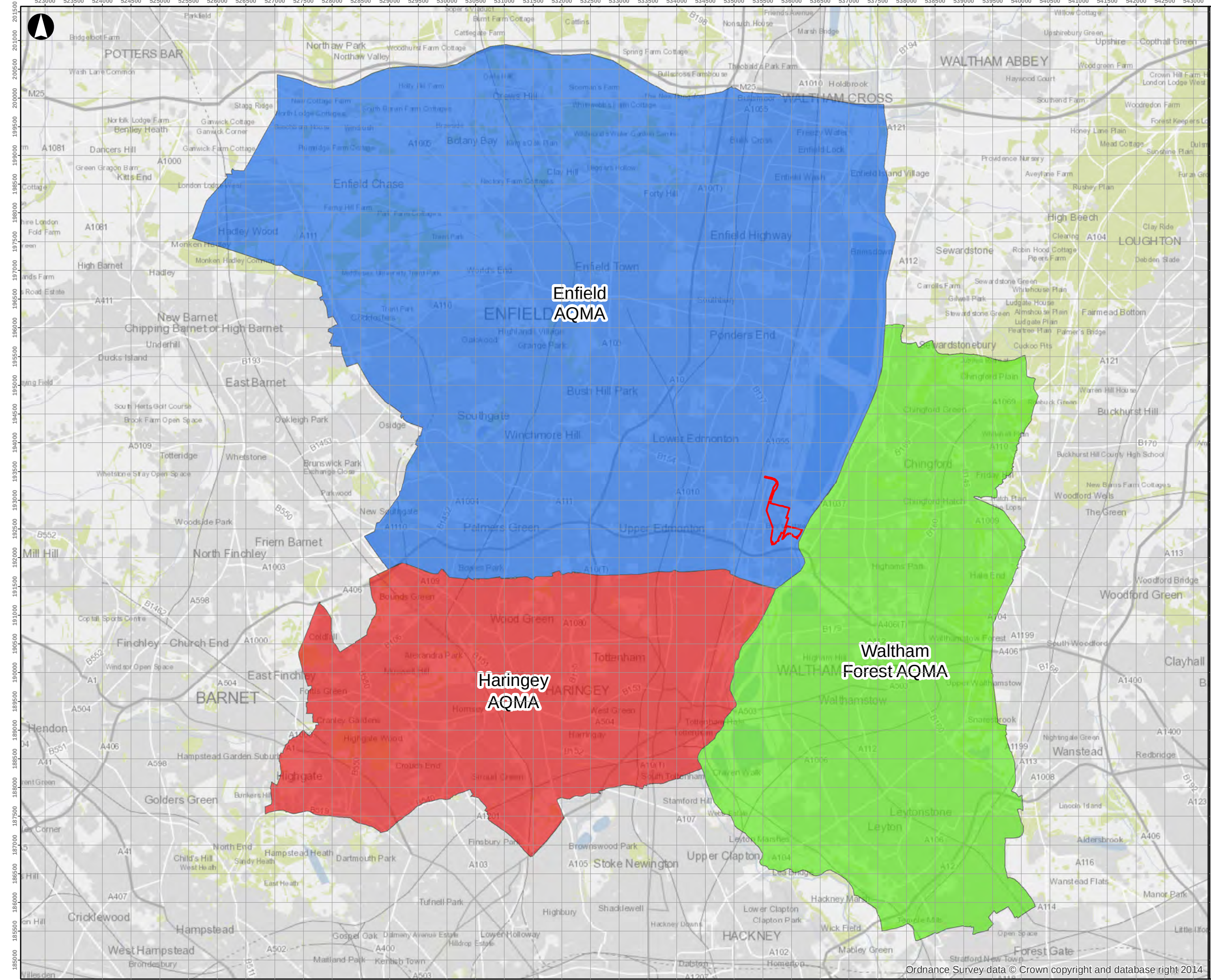
Arup

Revision 0 |

October 2015

Figures 2.1 – 2.18

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Vol 2 Figure 2.2	Air Quality Monitoring Sites within 10km of the Application Site
Vol 2 Figure 2.3	Monitoring Sites beyond 10km from the Application Site
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Vol 2 Figure 2.18	Transition Wet with Reheat (Stage 2) Long Term PM ₁₀ Process Contribution



Legend

Application Site Boundary

LB Enfield

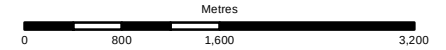
LB Haringey

LB Waltham Forest

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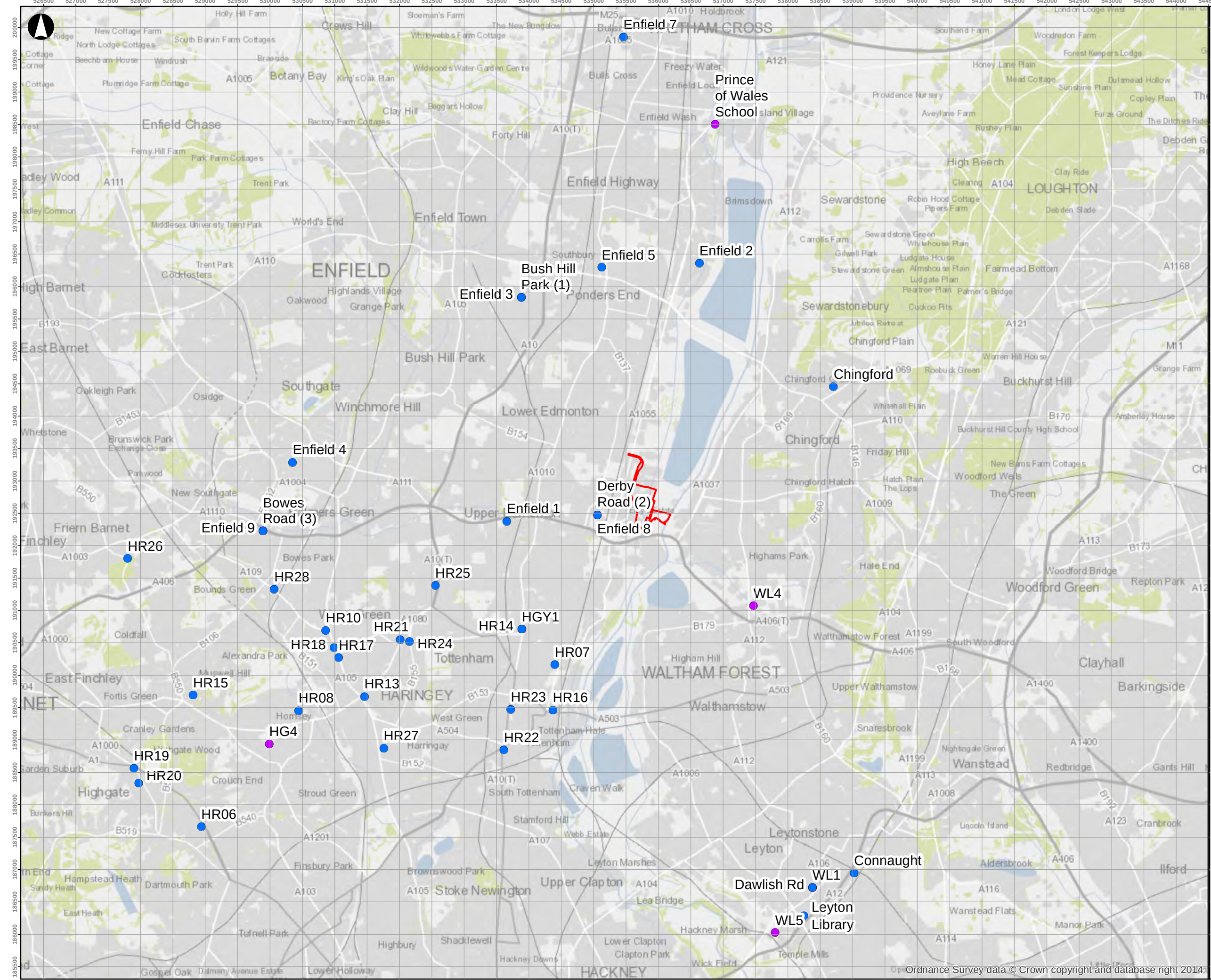
Job Title
North London Heat and Power Project

Drawing Title
**Vol 2 Figure 2.1
Air Quality Management Area Extents**

Scale at A3
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Job No 235271-00	Drawing Status Issue
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Drawing No 001	Revision P1
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Legend

Application Site Boundary

Automatic Monitor

Diffusion Tube

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Metres

07001,4002,800

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Drawing Title

Vol 2 Figure 2.2
Monitoring Sites within 10km of the
Application Site

Scale at A3

1:55,000

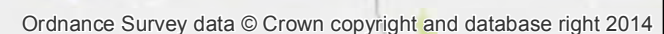
Job No	Drawing Status
235271-00	Issue

Drawing No	Revision
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MXD Location

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- Application Site Boundary
- Camden Kerbside
- Cromwell Rd
- Detling
- Enfield – Derby Road
- London Bexley
- London Bloomsbury
- London Brent
- London Crystal Palace Parade
- London Eltham
- London Marylebone Road
- London N. Kensington
- London Nobel House
- London Westminster

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Revision	Date	By	Chkd	Appd
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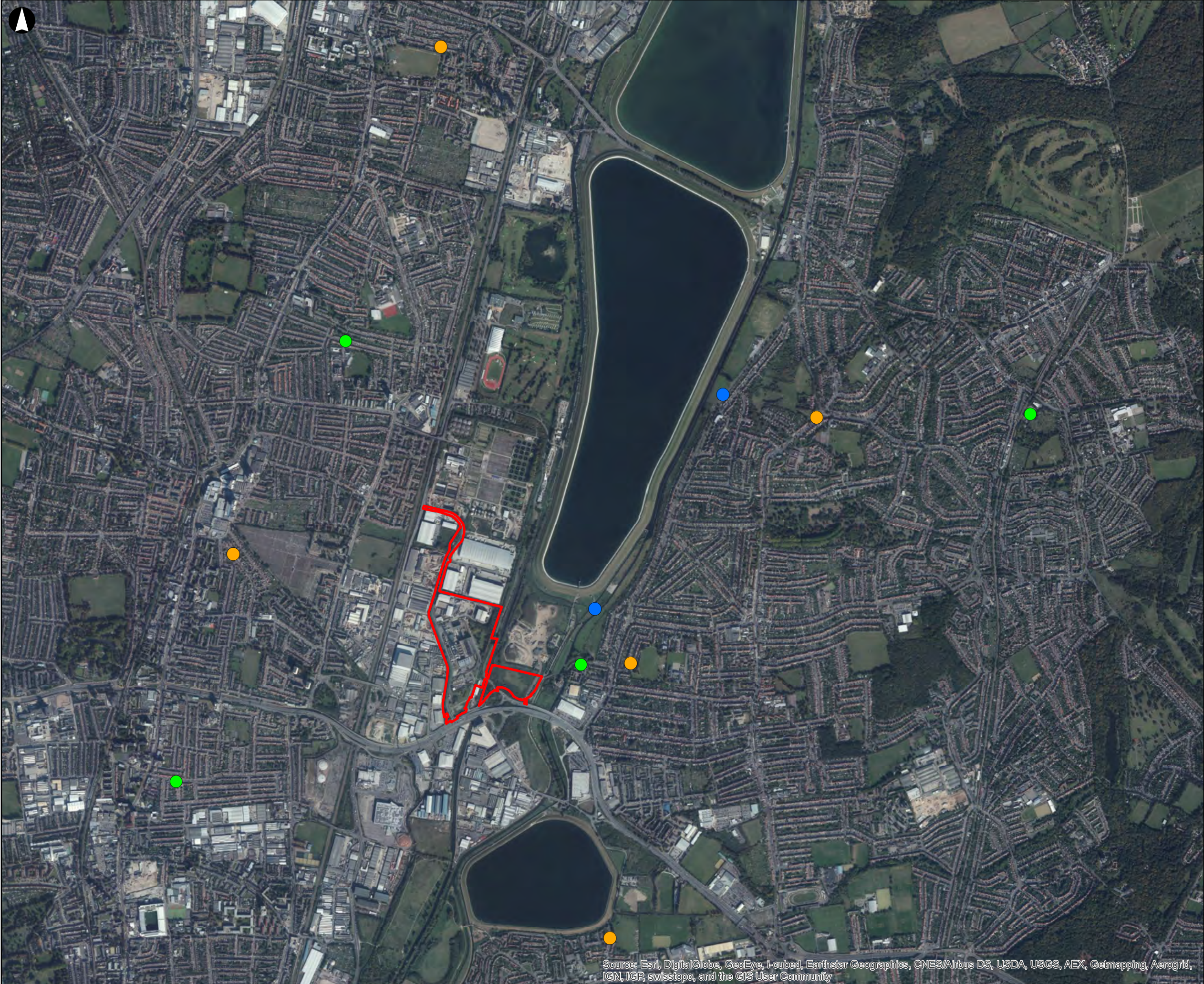
Client
North London Waste Authority

Drawing Title

Vol 2 Figure 2.3
Monitoring Sites beyond 10km from the
Application Site

Job No 235271-00	Drawing Status Issue
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Drawing No	Revision
001	P1



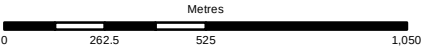
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Legend

- Application Site Boundary
- Arup Monitoring Locations
 - NO2
 - NO2, VOCs
 - SO2

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Drawing Title
**Vol 2 Figure 2.4
Arup Monitoring Sites**

Scale at A3
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Job No 235271-00	Drawing Status Issue	Revision P1
Drawing No 001		

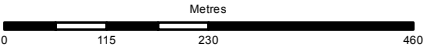


Legend

- Application Site Boundary
- Odour Complaints

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North London Heat and Power Project

Drawing Title
Vol 2 Figure 2.5
Odour Complaint Locations

Scale at A3
1:8,500

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Drawing No 001		

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Legend

- Application Site Boundary
- 350m Buffer
- 100m Buffer
- 50m Buffer
- 20m Buffer

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Drawing Title

**Vol 2 Figure 2.6
Construction Dust Buffers**

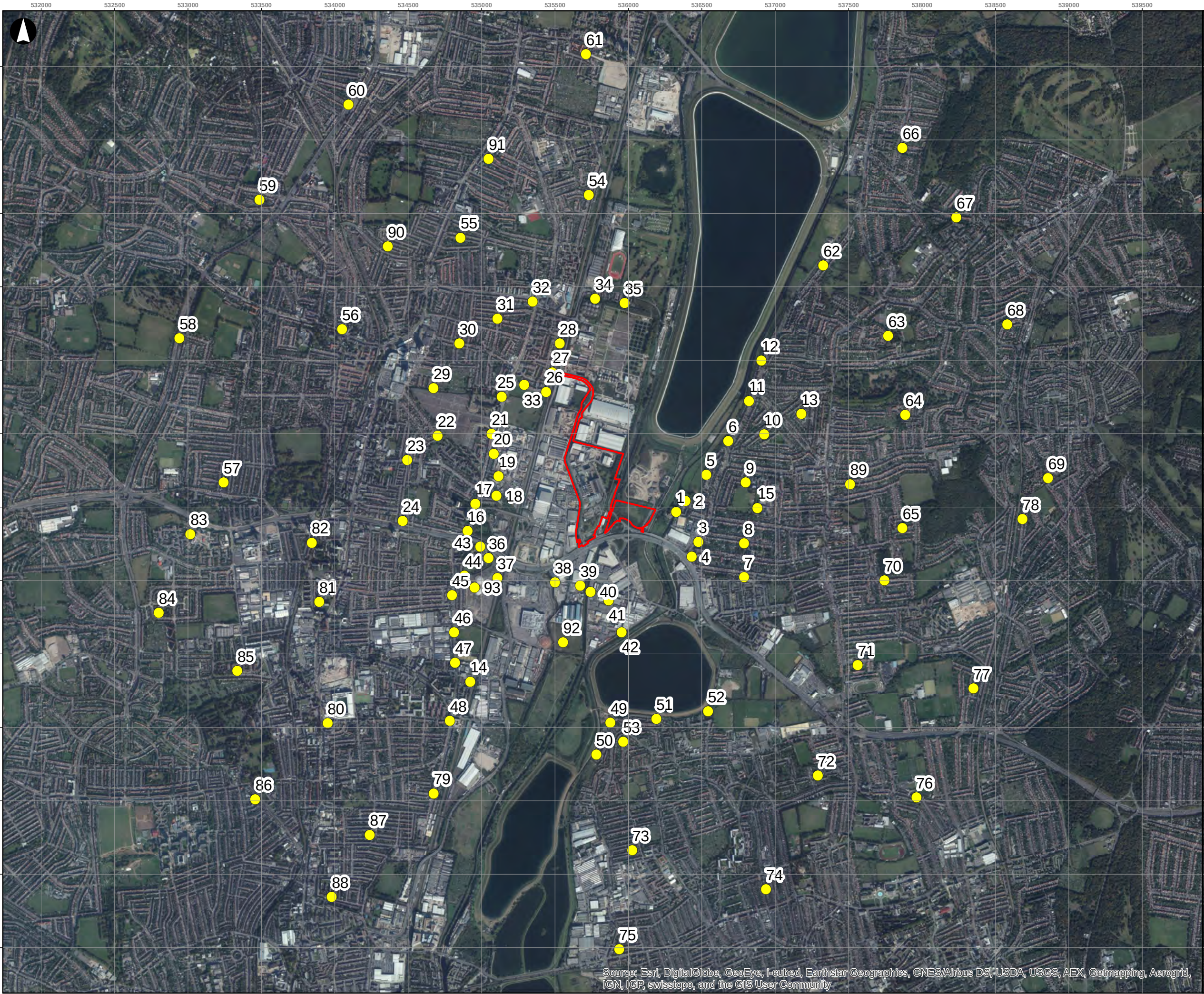
Scale at A3

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Job No	Drawing Status
235271-00	Issue

Drawing No	Revision
001	P1

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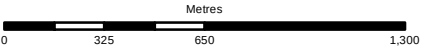


Legend

- Application Site Boundary
- Receptors

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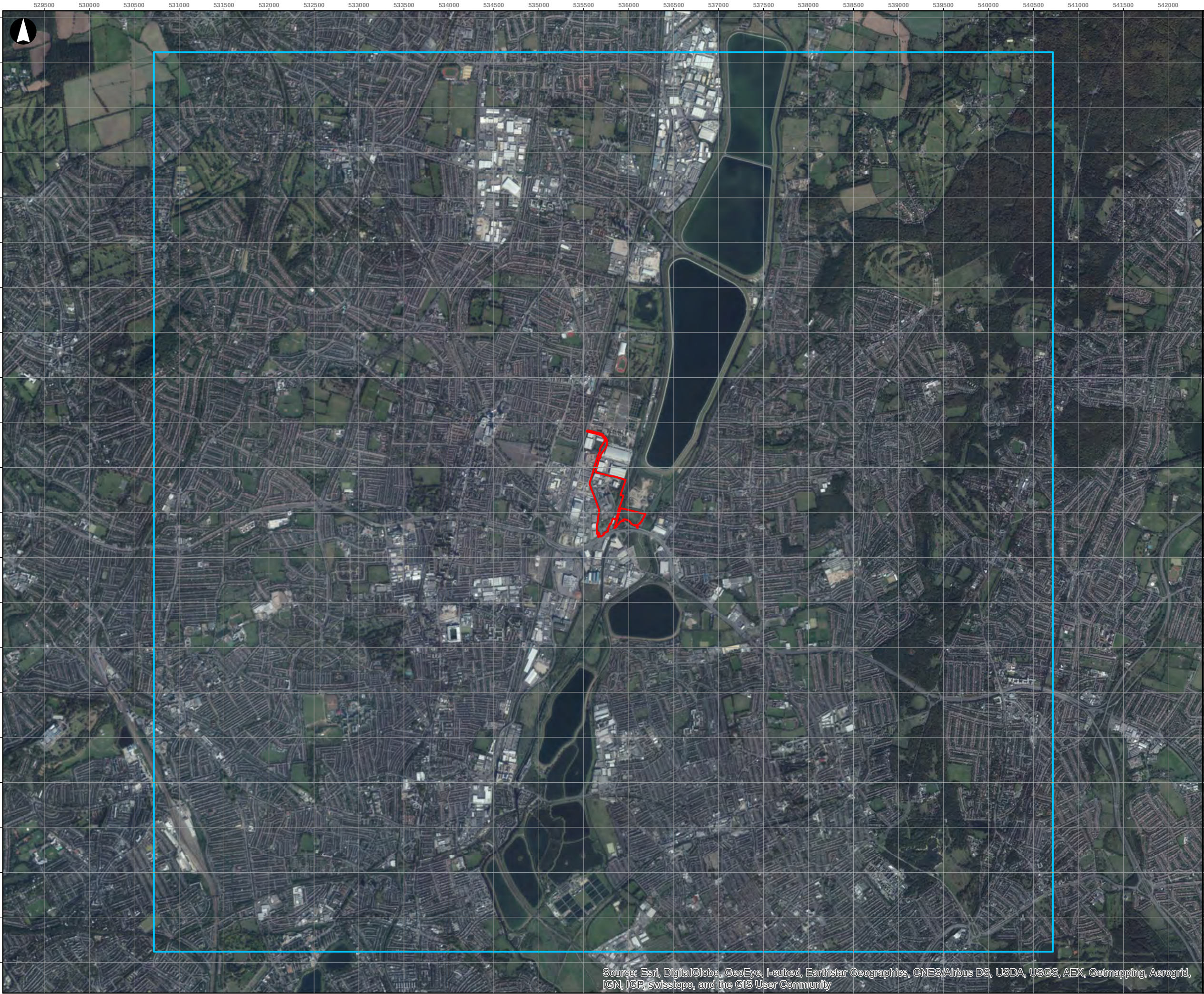
Job Title
North London Heat and Power Project

Drawing Title
Vol 2 Figure 2.7
Receptor Locations

Scale at A3
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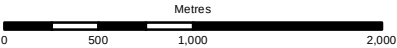


Legend

- Application Site Boundary
- Modelled Grid

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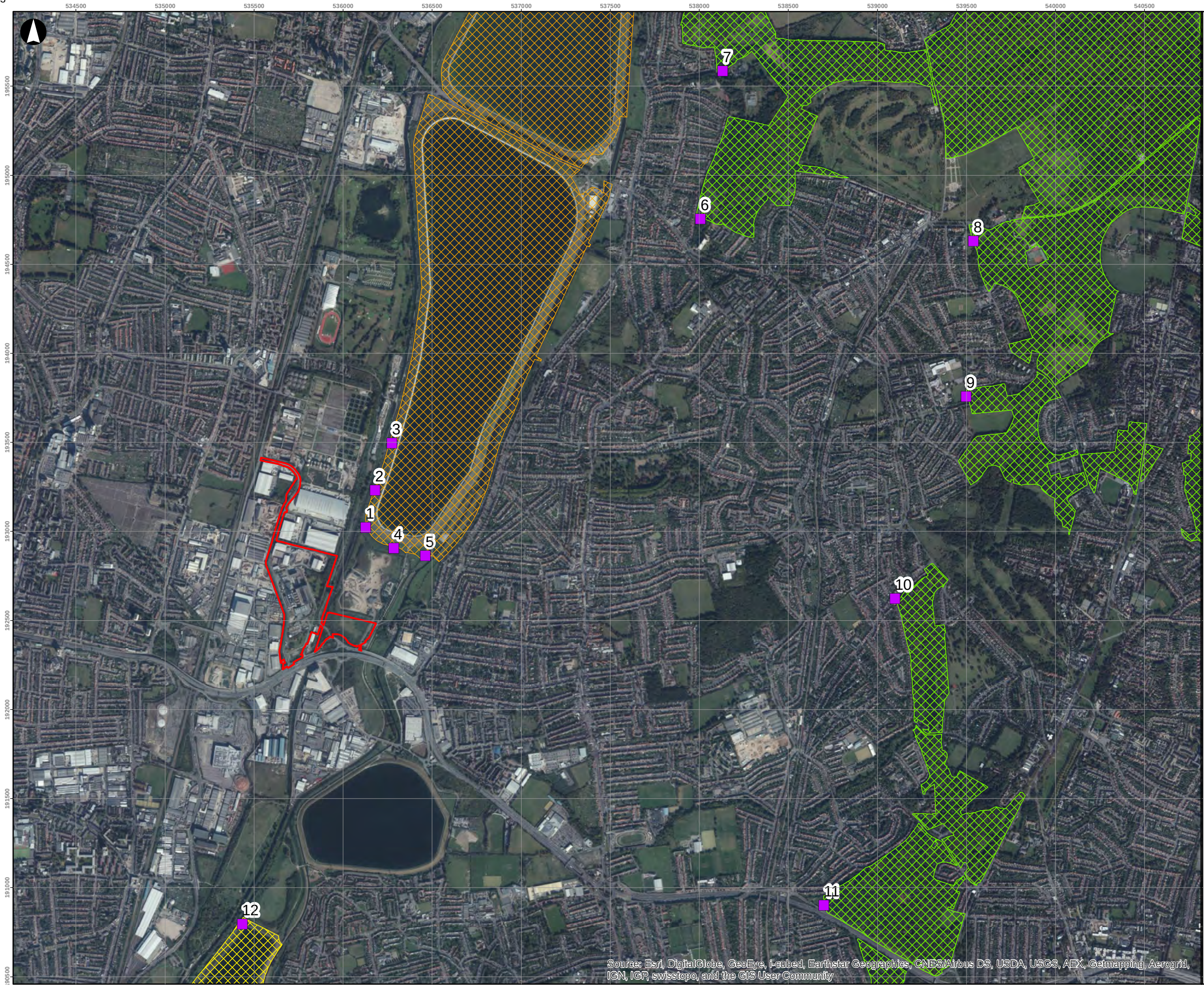
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**Vol 2 Figure 2.8
Output Grid**

Scale at A3
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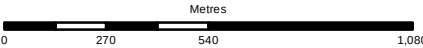


Legend

- Application Site Boundary
- Ecological Receptor
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)

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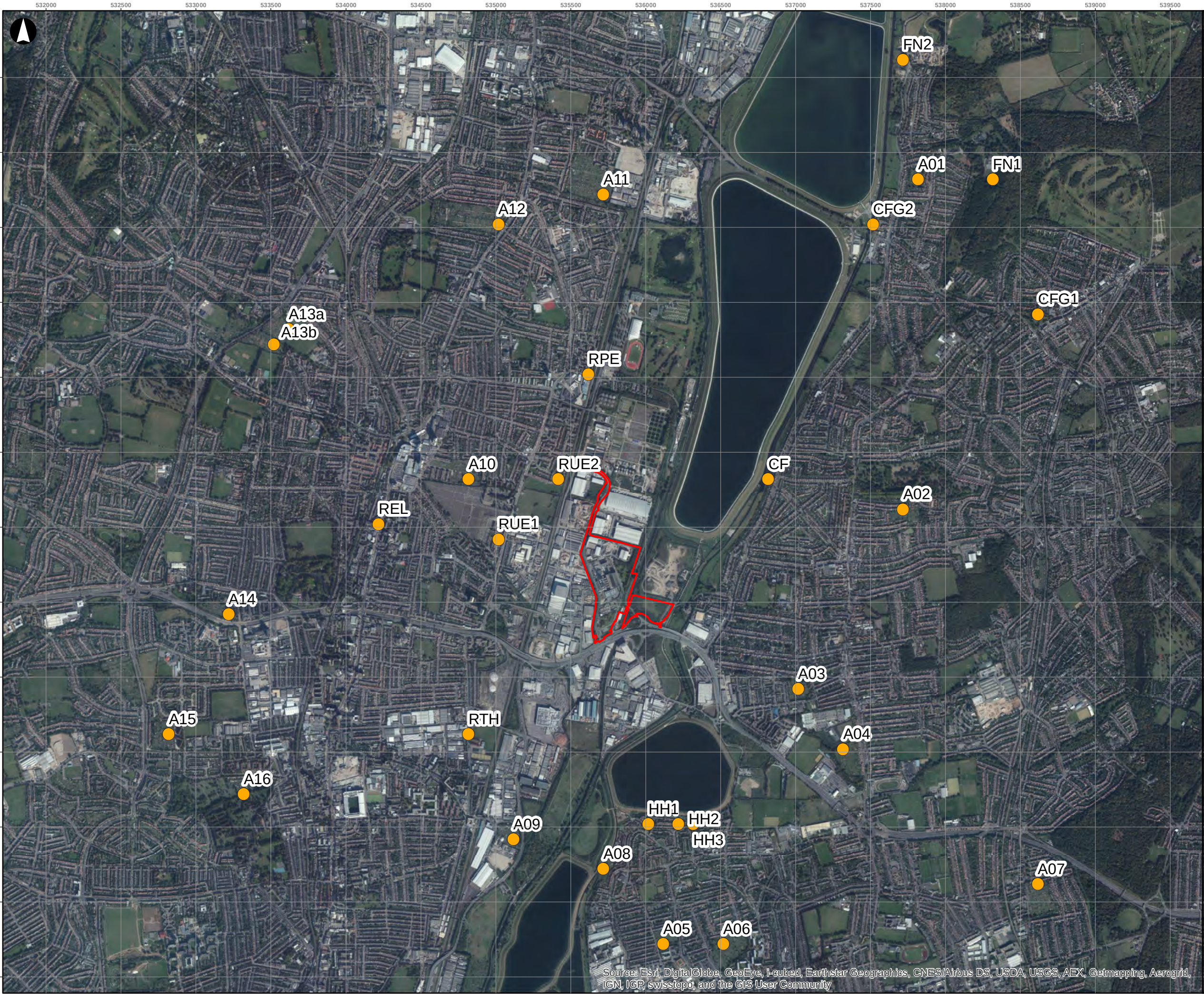
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Drawing Title
**Vol 2 Figure 2.9
Ecological Receptors**

Scale at A3
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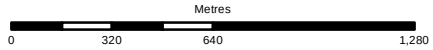
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Application Site Boundary

Human Health Receptor Locations

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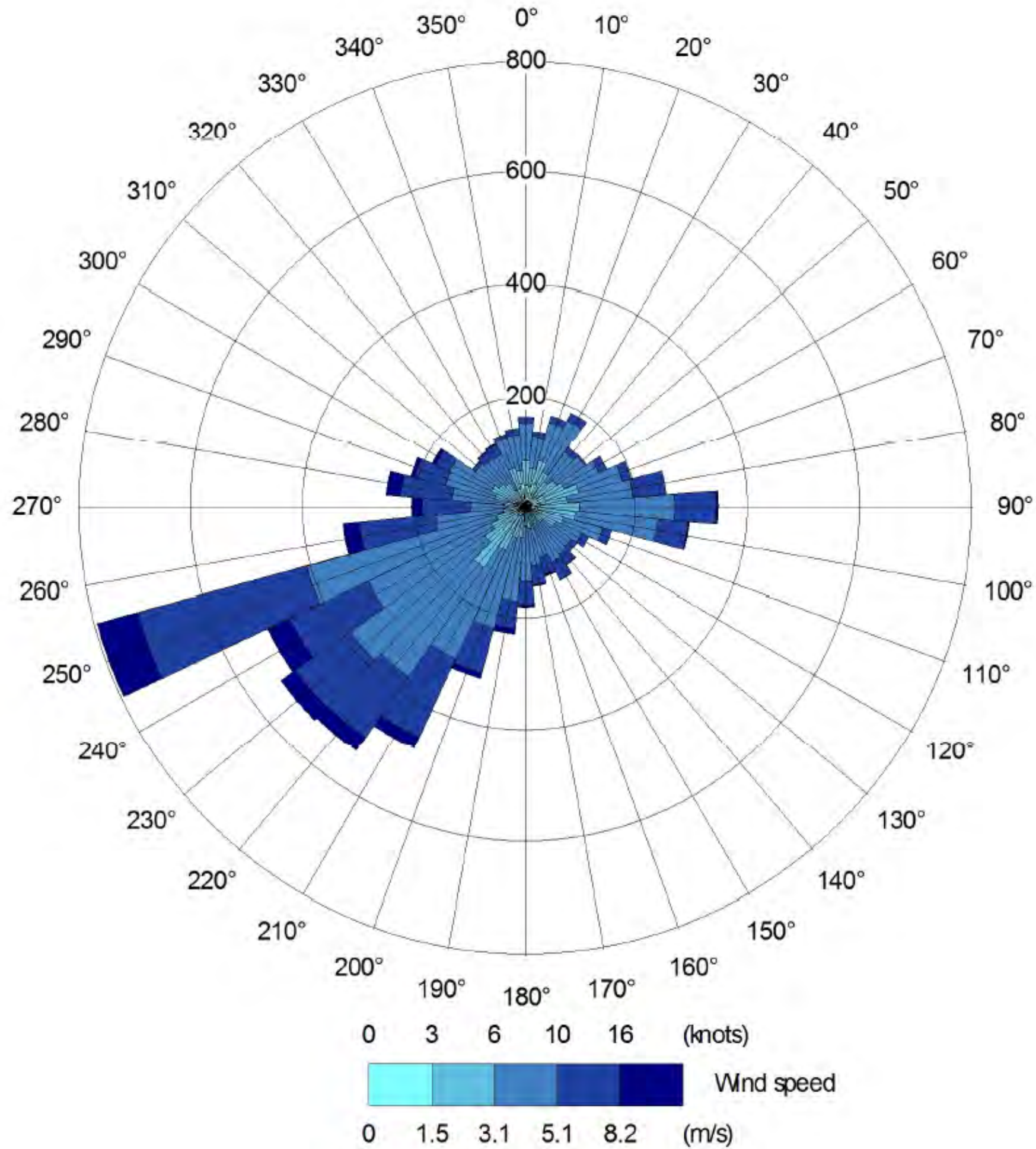
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**Vol 2 Figure 2.10
Human Health Receptor Locations**

Scale at A3
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Drawing Title
Vol 2 Figure 2.11
Wind Rose of London City 2014
Meteorological Data

Scale at A3

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Drawing No 001		

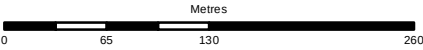


Legend

- Application Site Boundary
- Existing Buildings
- Future Buildings

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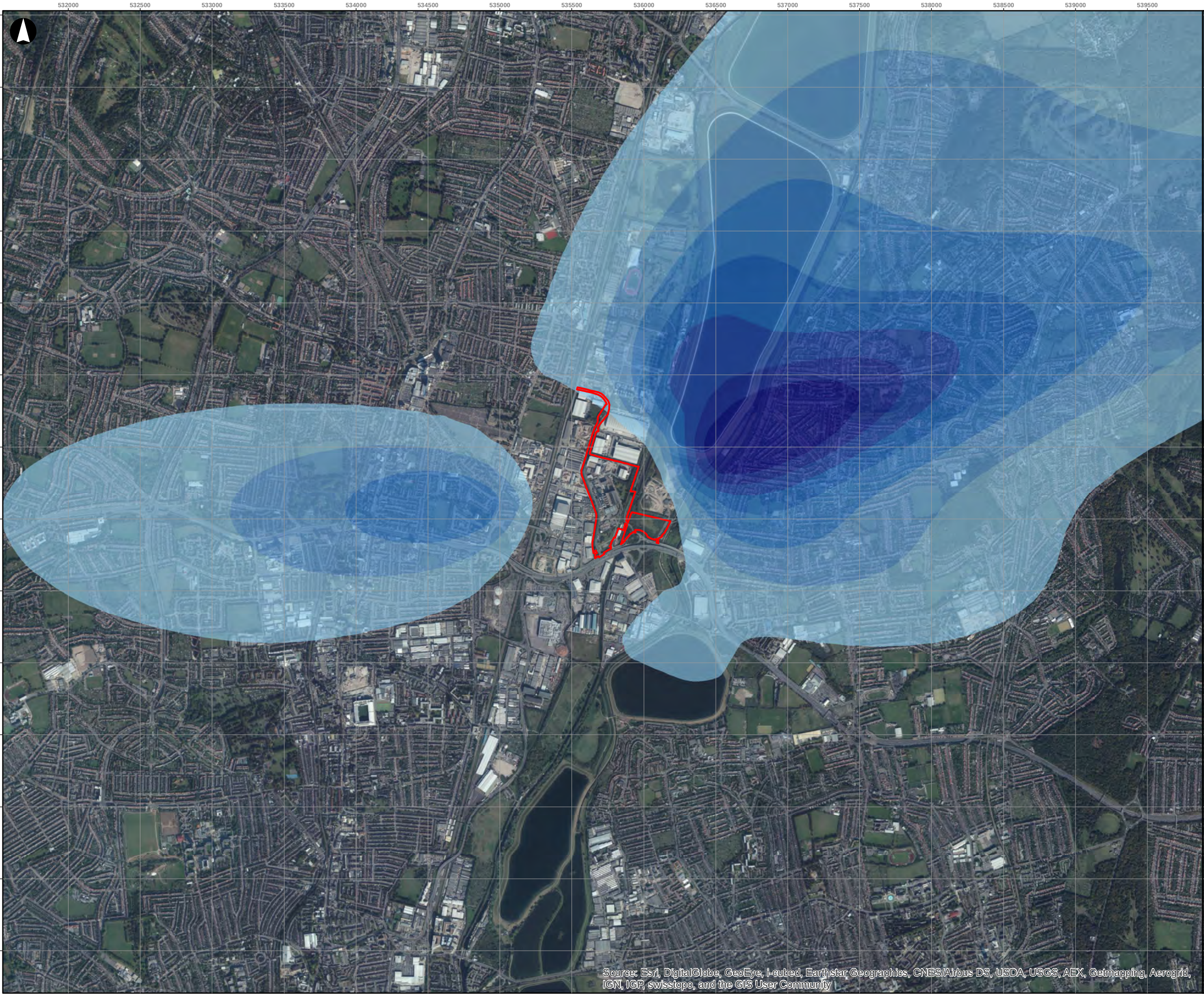
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Drawing Title
**Vol 2 Figure 2.12
Modelled Buildings**

Scale at A3
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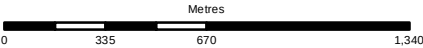
Application Site Boundary

Existing EfW facility Long Term NO₂ Process Contribution (ug/m³)

- < 0.2
- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- 0.7 - 0.8
- > 0.8

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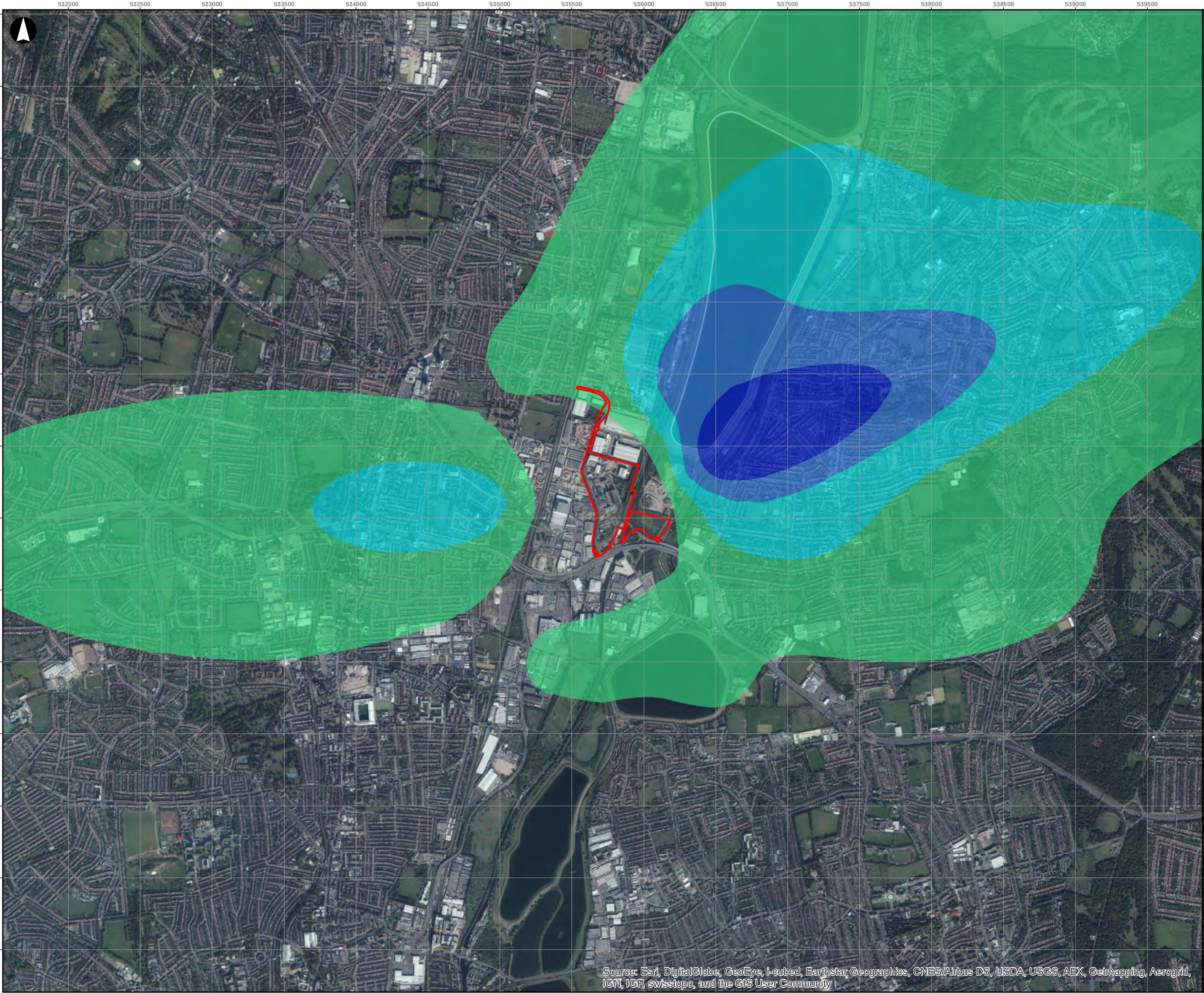
Job Title
North London Heat and Power Project

Drawing Title
Vol 2 Figure 2.13
Existing EfW facility
Long Term NO₂ Process Contribution
(ug/m³)

Scale at A3
1:25,000

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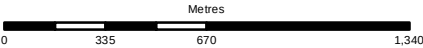
Application Site Boundary

Existing EfW facility Long Term PM₁₀ Process Contribution (ug/m³)

- < 0.002
- 0.002 - 0.004
- 0.004 - 0.006
- 0.006 - 0.008
- > 0.008

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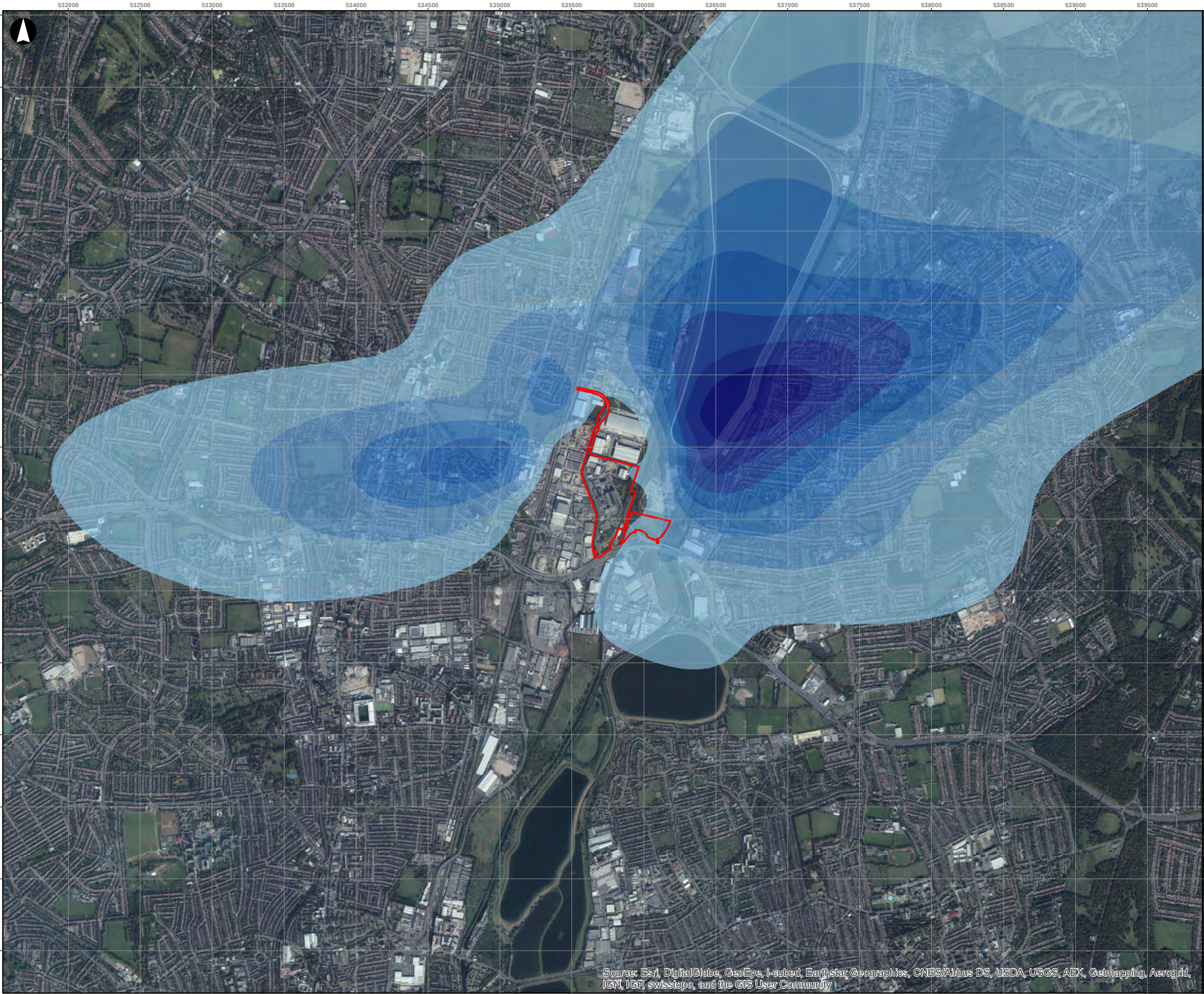
Drawing Title
Vol 2 Figure 2.14
Existing EfW facility
Long Term PM₁₀
Process Contribution (ug/m³)

Scale at A3
1:25,000

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Application Site Boundary

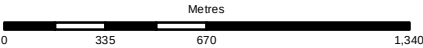
Transition Wet Long Term NO₂ Process Contribution (ug/m³)

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- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- 0.7 - 0.8
- > 0.8

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Vol 2 Figure 2.15
Transition Wet (Stage 2)
Long Term NO₂
Process Contribution (ug/m³)

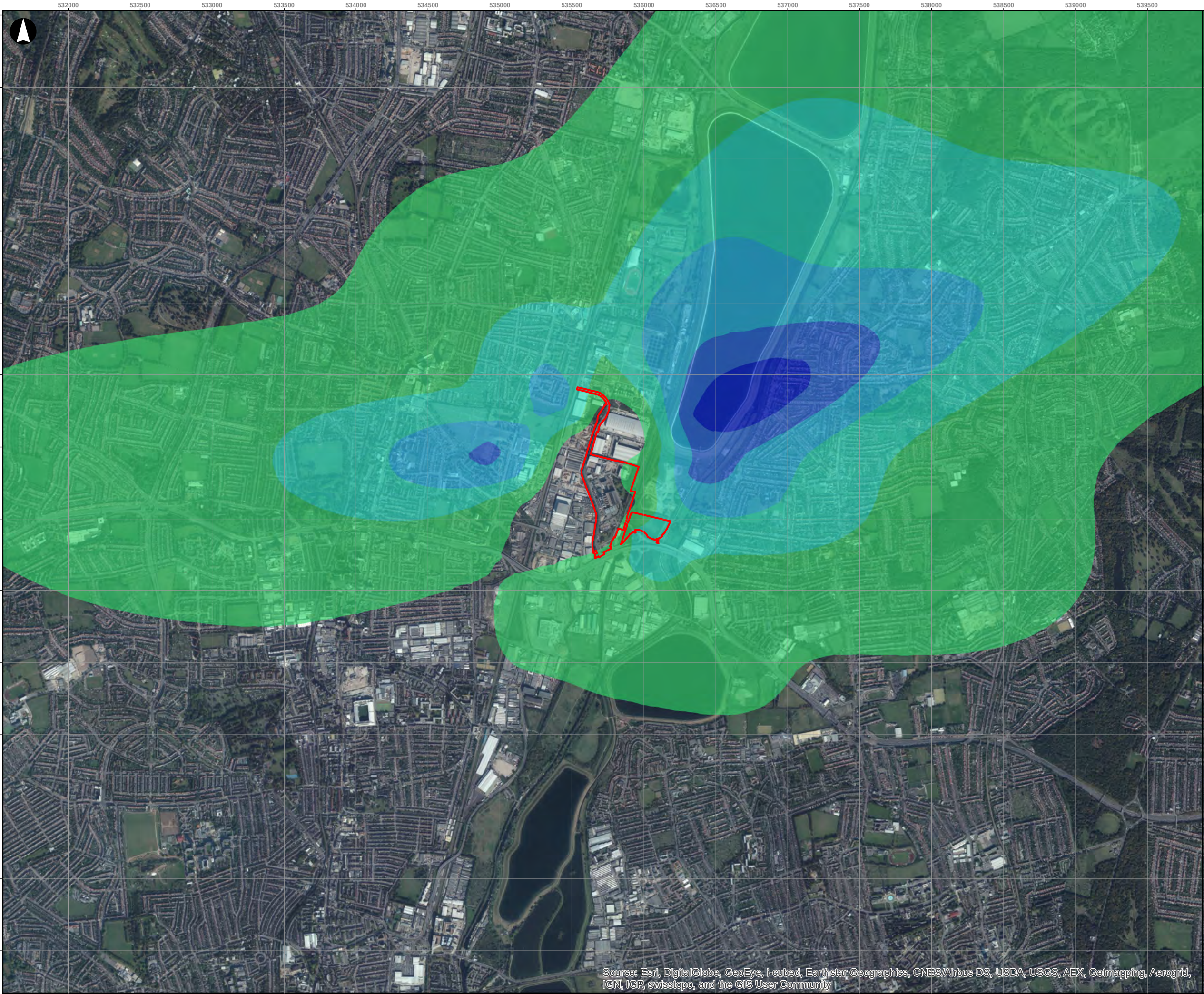
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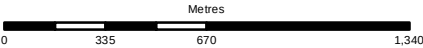
Application Site Boundary

Transition Wet Long Term
PM₁₀ Process
Contribution(ug/m³)

- < 0.01
- 0.01 - 0.02
- 0.02 - 0.03
- 0.03 - 0.04
- 0.04 - 0.05
- > 0.05

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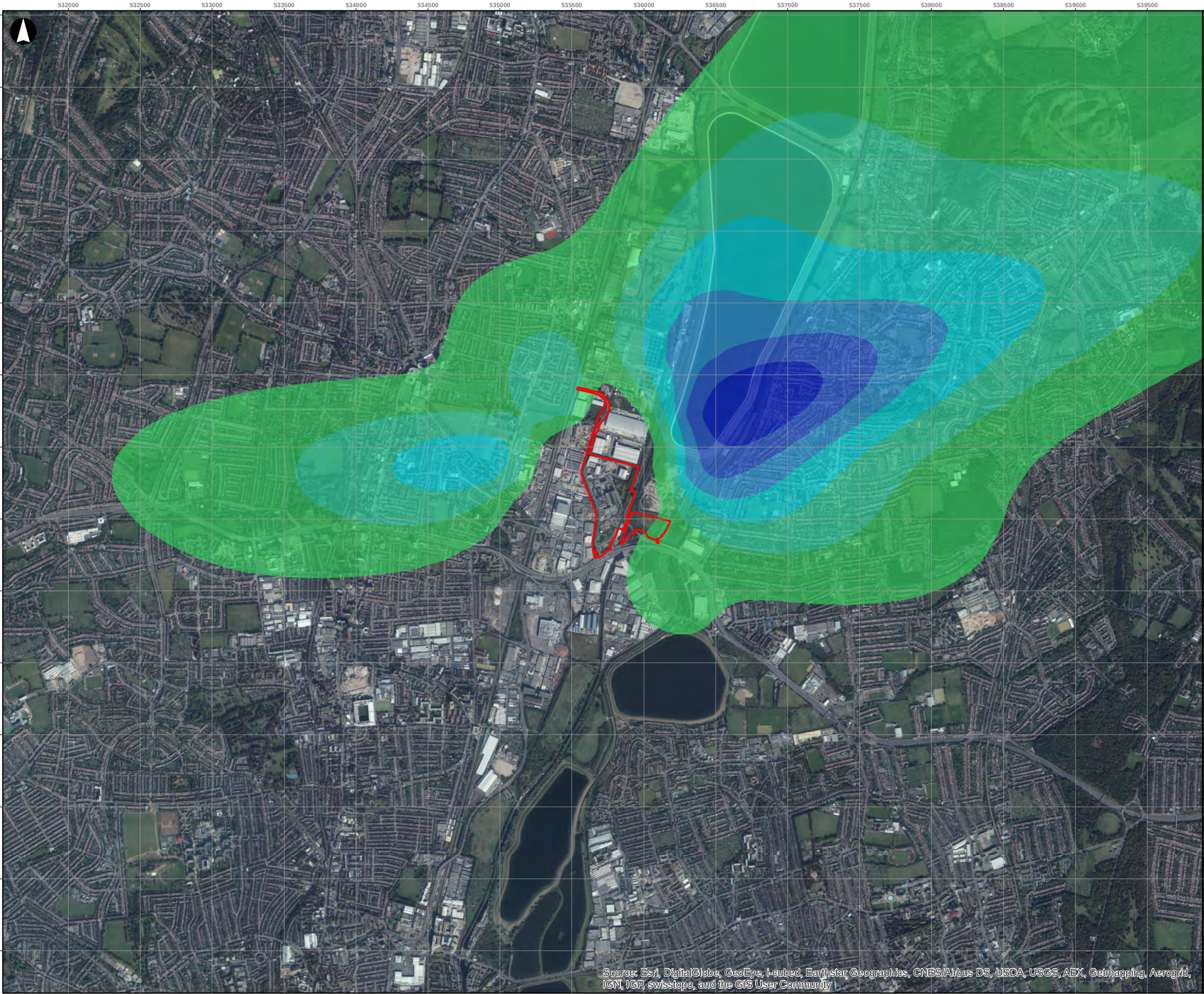
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**Vol 2 Figure 2.16
Transition Wet (Stage 2)
Long Term PM₁₀
Process Contribution (ug/m³)**

Scale at A3
1:25,000

Job No 235271-00	Drawing Status Issue
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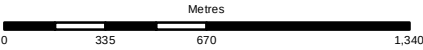
Application Site Boundary

Transition Wet Long Term NO₂ Process Contribution (ug/m³)

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- 0.2 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- 0.5 - 0.6
- 0.6 - 0.7
- > 0.7

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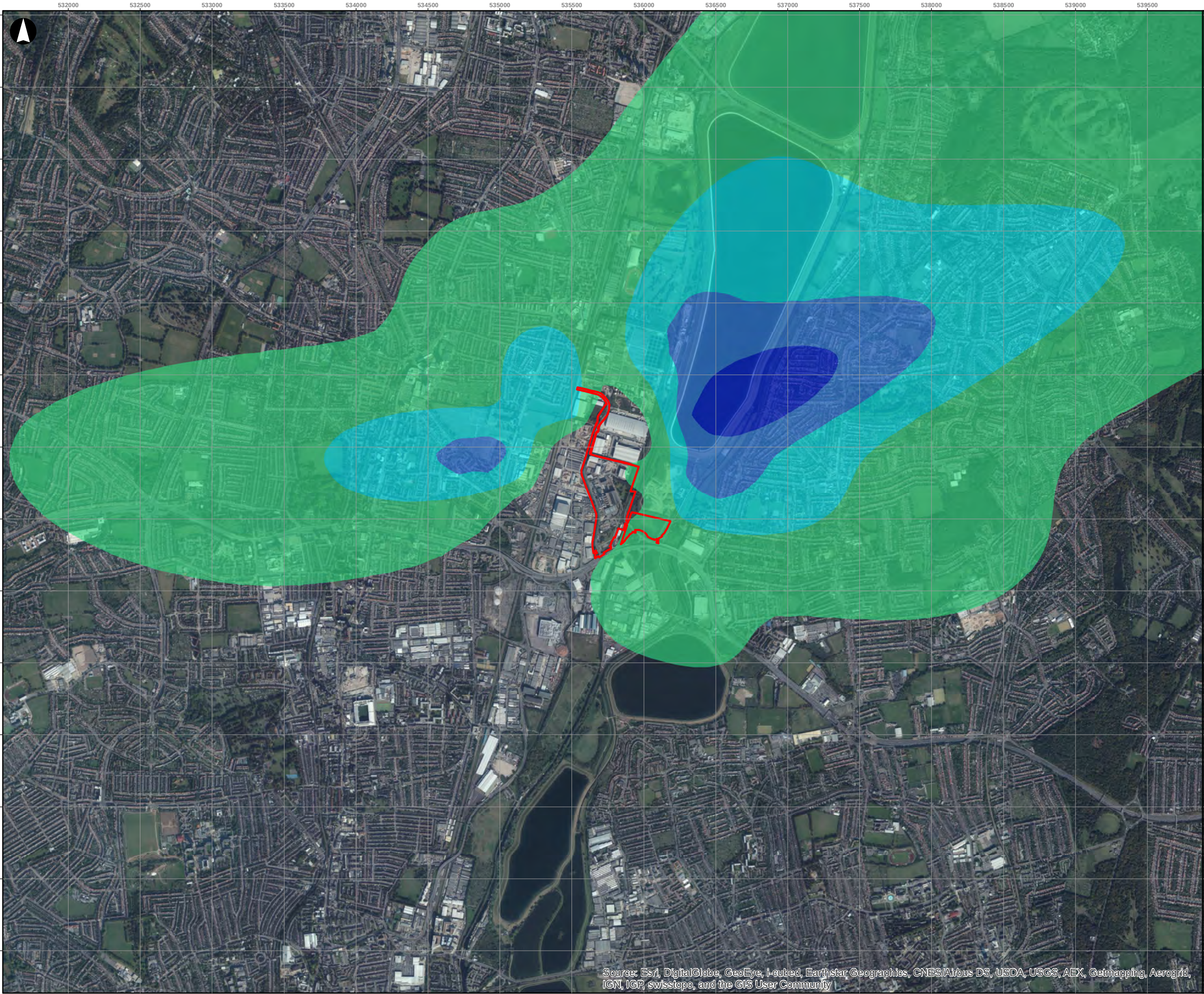
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Job Title
North London Heat and Power Project

Drawing Title
Vol 2 Figure 2.17
Transition Wet with Reheat (Stage 2)
Long Term NO₂ Process Contribution (ug/m³)

Scale at A3
1:25,000

Job No 235271-00	Drawing Status Issue	Revision P1
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Legend

Application Site Boundary

Transition Wet with Reheat
Long Term PM₁₀ Process
Contribution (ug/m³)

< 0.01

0.01 - 0.02

0.02 - 0.03

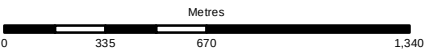
0.03 - 0.04

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Drawing Title

Vol 2 Figure 2.18
Transition Wet with Reheat (Stage 2)
Long Term PM₁₀
Process Contribution (ug/m³)

Scale at A3

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Job No	Drawing Status
235271-00	Issue

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Series 06 Environmental
Statement

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