
NORTH LONDON WASTE AUTHORITY

NORTH LONDON HEAT AND POWER PROJECT

ENVIRONMENTAL STATEMENT: VOLUME 2 FIGURES 2.19 TO 11.2

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

AD06 . 02

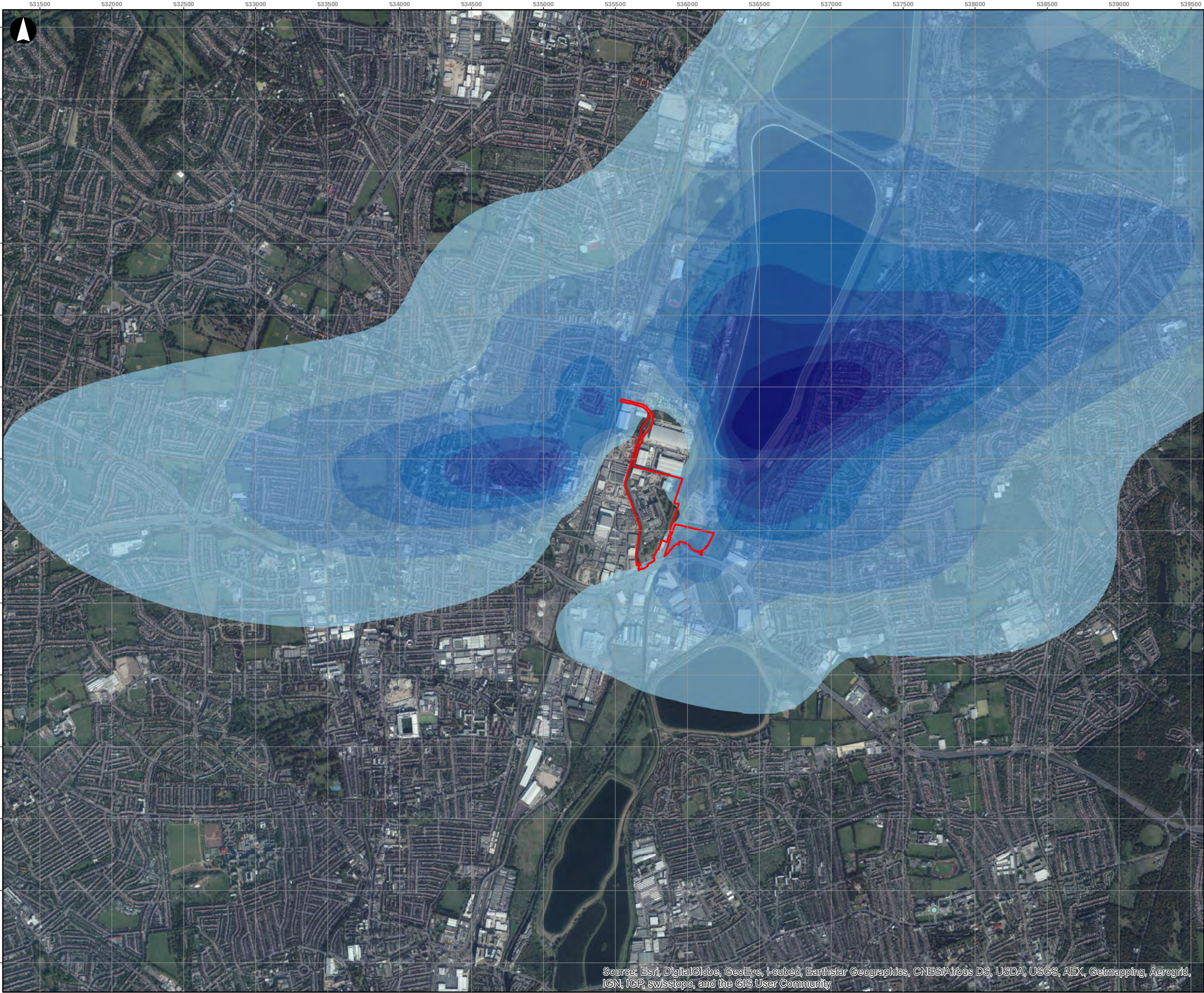
Arup

Revision 0 |

October 2015

Figures 2.19 – 11.2

Vol 2 Figure 2.19	ERF Wet FGT (Stage 3/4)) Long Term NO ₂ Process Contribution
Vol 2 Figure 2.20	ERF Wet FGT (Stage 3/4) Long Term PM ₁₀ Process Contribution
Vol 2 Figure 2.21	ERF Wet with Reheat FGT (Stage 3/4) Long Term NO ₂ Process Contribution
Vol 2 Figure 2.22	ERF Wet with Reheat FGT (Stage 3/4) Long Term PM ₁₀ Process Contribution
Vol 2 Figure 5.1	Overlap with Lea Valley Site of Metropolitan Importance for Nature Conservation
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Vol 2 Figure 10.1	Local Highway Network
Vol 2 Figure 10.2	Local Transport Context
Vol 2 Figure 11.1	Application Site hydrology
Vol 2 Figure 11.2	Groundwater and Surface Water Abstractions and Discharges



Legend

Application Site Boundary

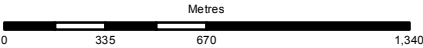
ERF Wet FGT Long Term NO₂ Process Contribution (ug/m³)

- < 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 - 0.9
- > 0.9

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Vol 2 Figure 2.19
ERF Wet FGT (Stage 3/4)
Long Term NO₂ Process Contribution
(ug/m³)

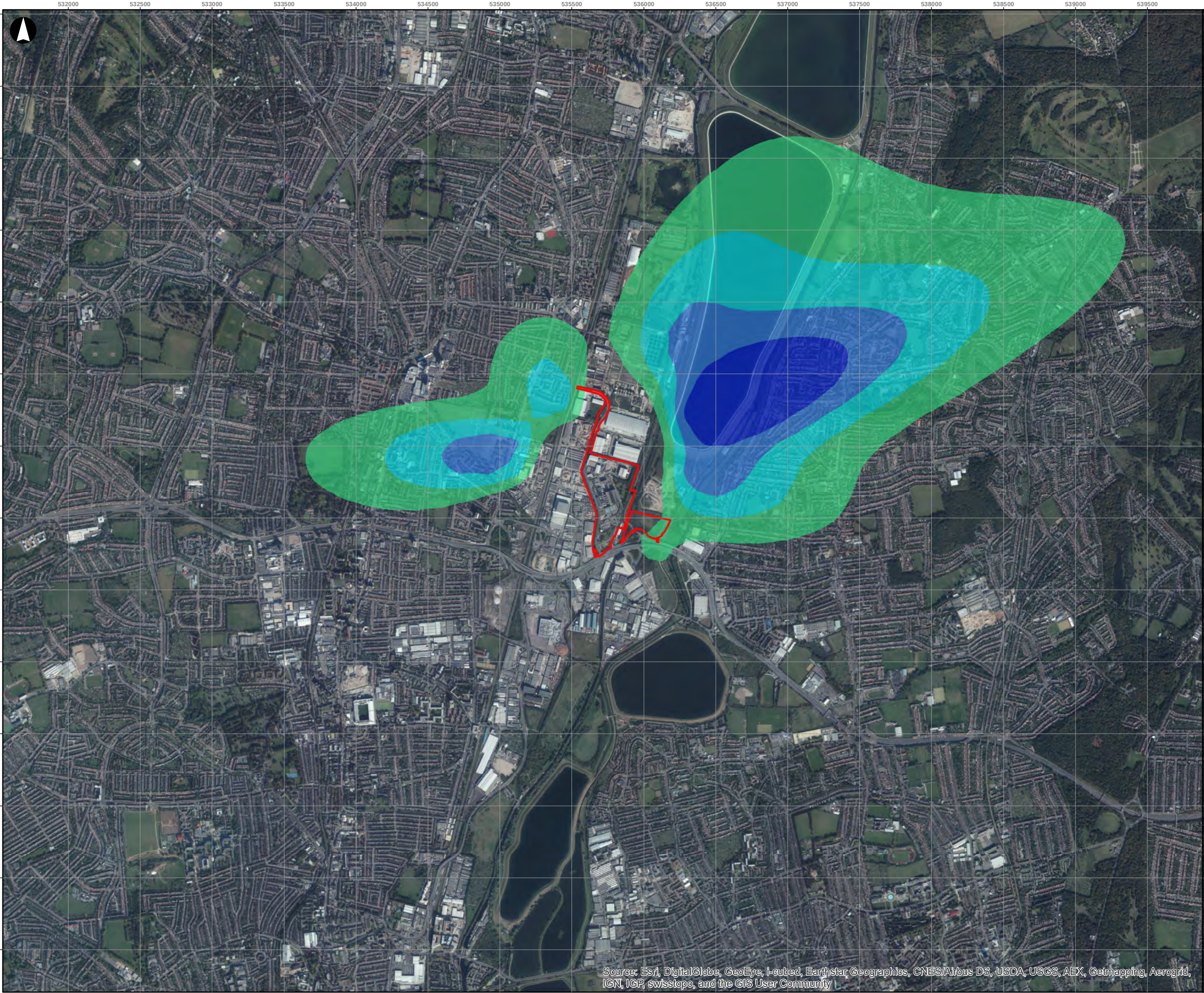
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Job No	Drawing Status
235271-00	Issue

Drawing No	Revision
001	P1

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Legend

Application Site Boundary

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Process Contribution (ug/m³)

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0.03 - 0.04

0.04 - 0.05

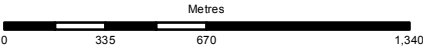
0.05 - 0.06

> 0.06

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Long Term PM₁₀ Process Contribution
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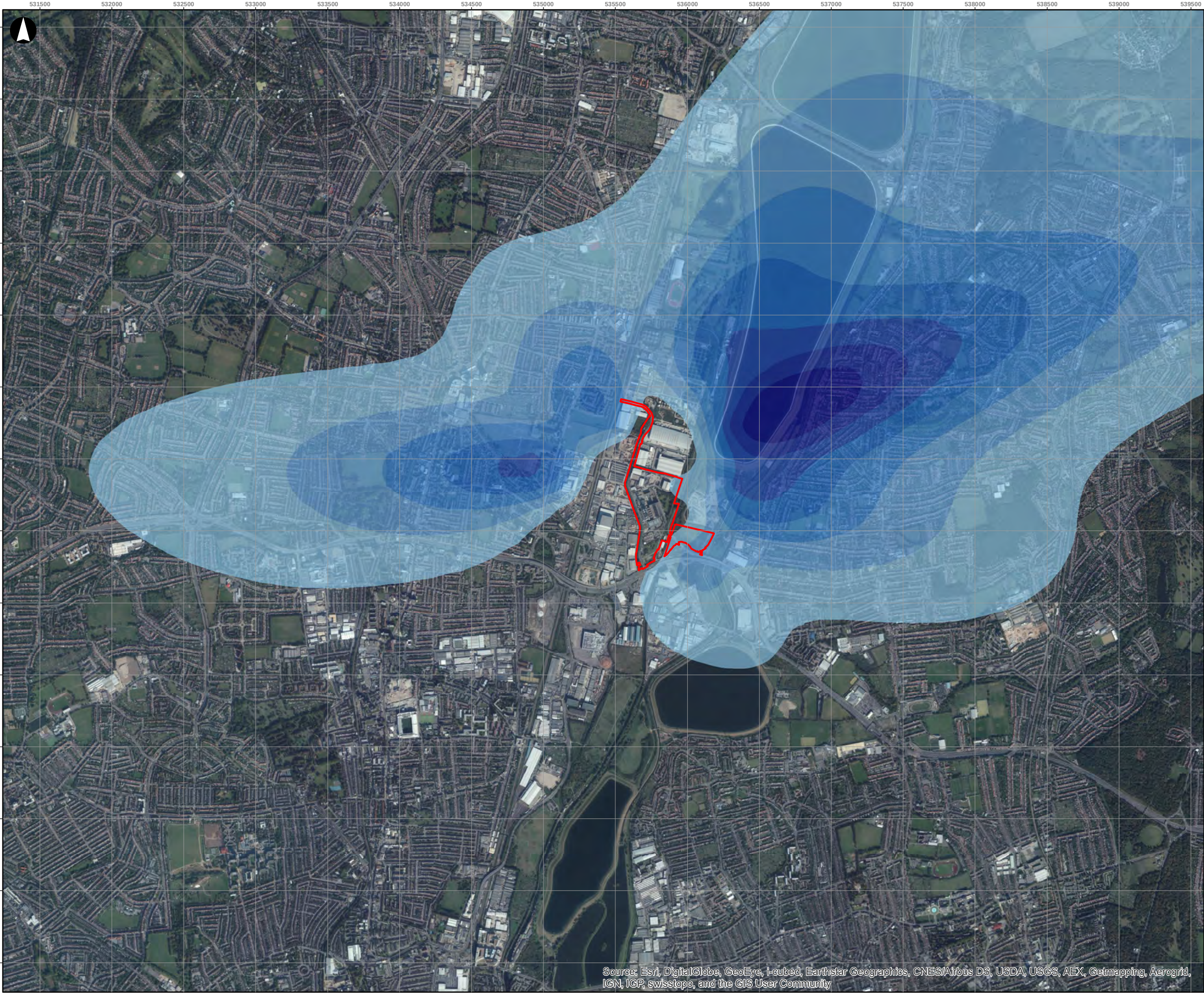
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235271-00	Issue

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Legend

Application Site Boundary

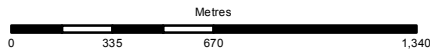
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	0.5 - 0.6
	0.6 - 0.7
	0.7 - 0.8
	> 0.8

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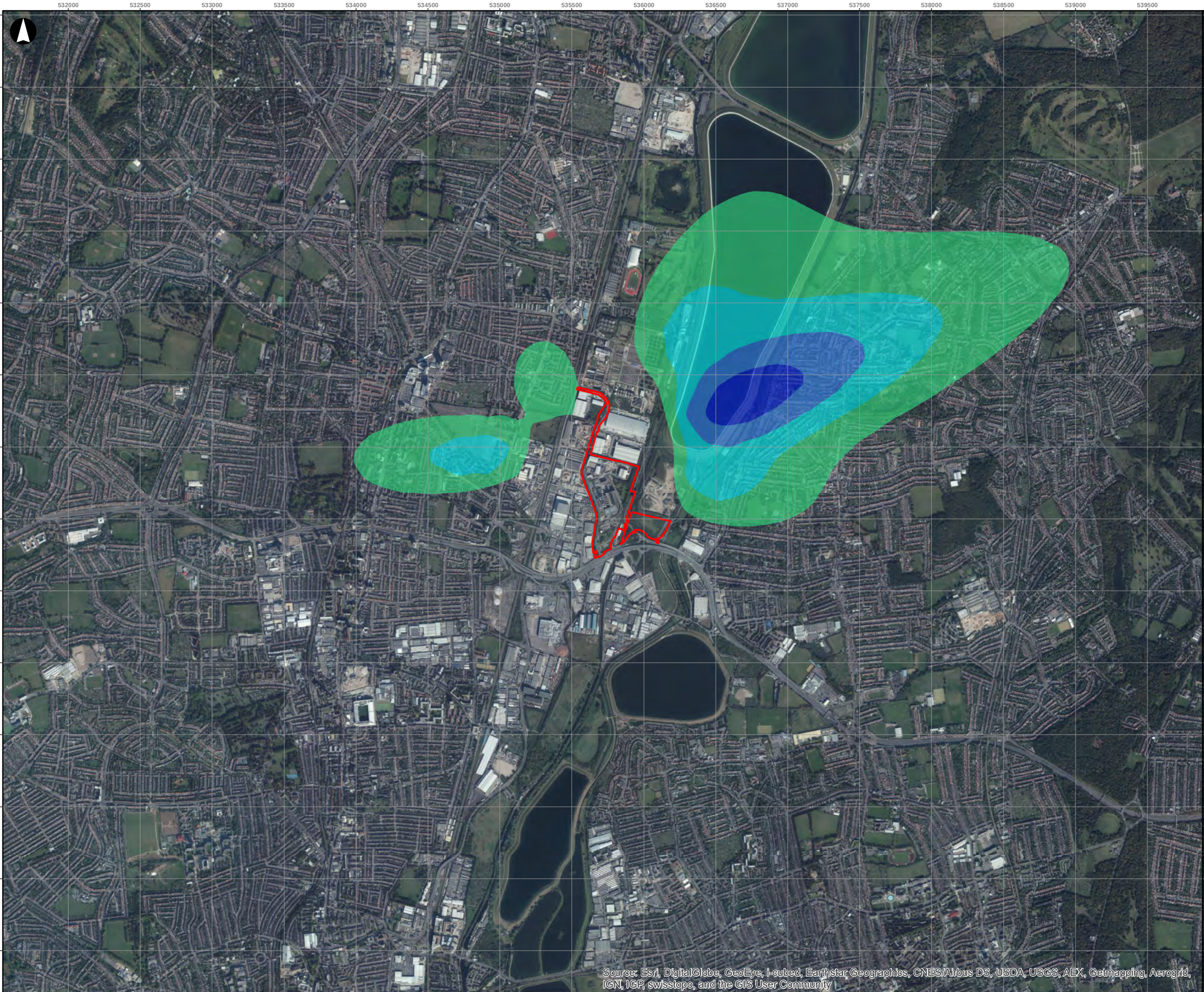
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Long Term NO₂ Process Contribution
(ug/m³)**

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Legend

Application Site Boundary

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

< 0.03

0.03 - 0.04

0.04 - 0.05

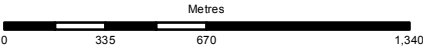
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Vol 2 Figure 2.22
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Job No

235271-00

Drawing Status

Issue

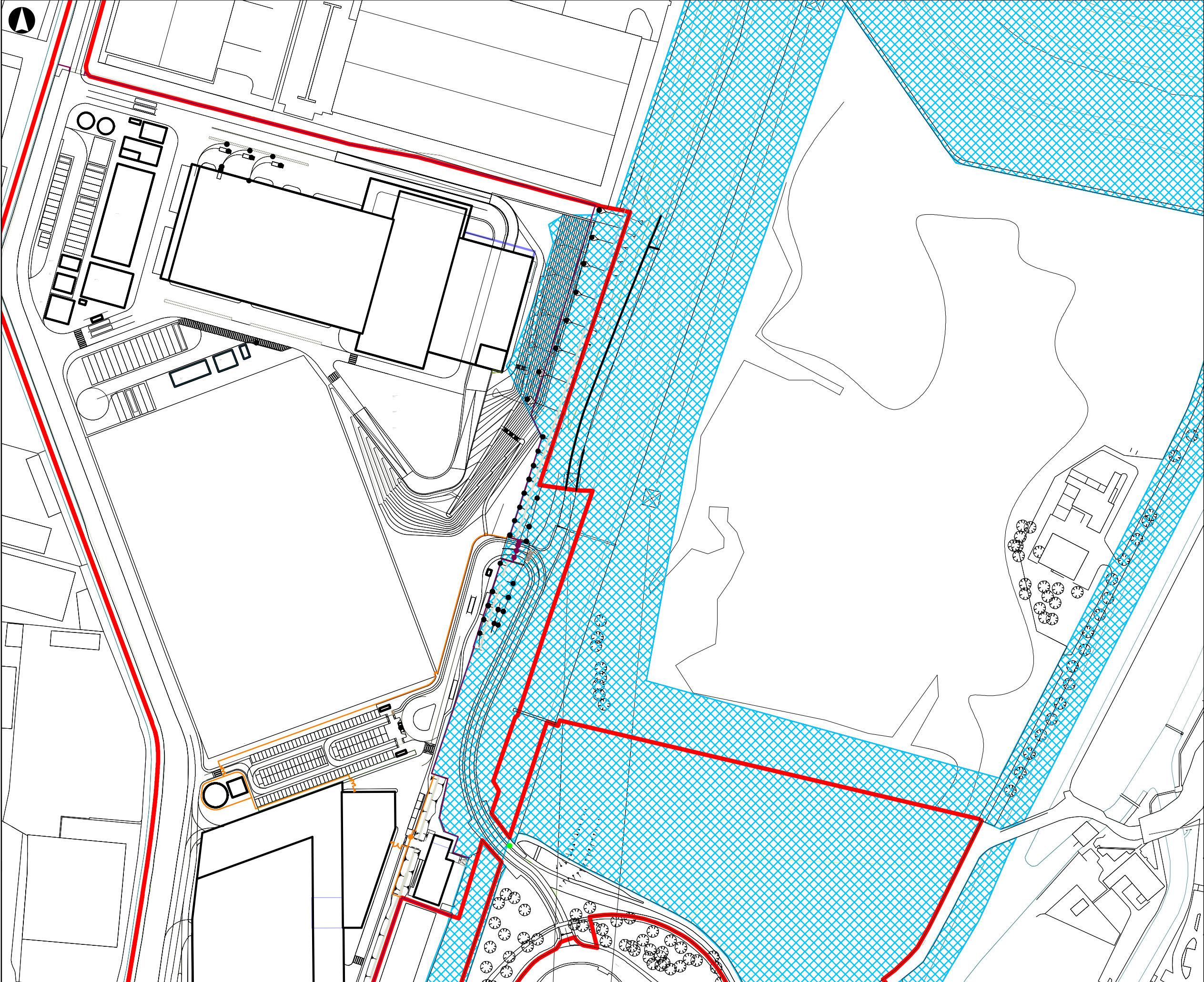
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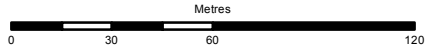
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Application Site Boundary

Lea Valley SMINC

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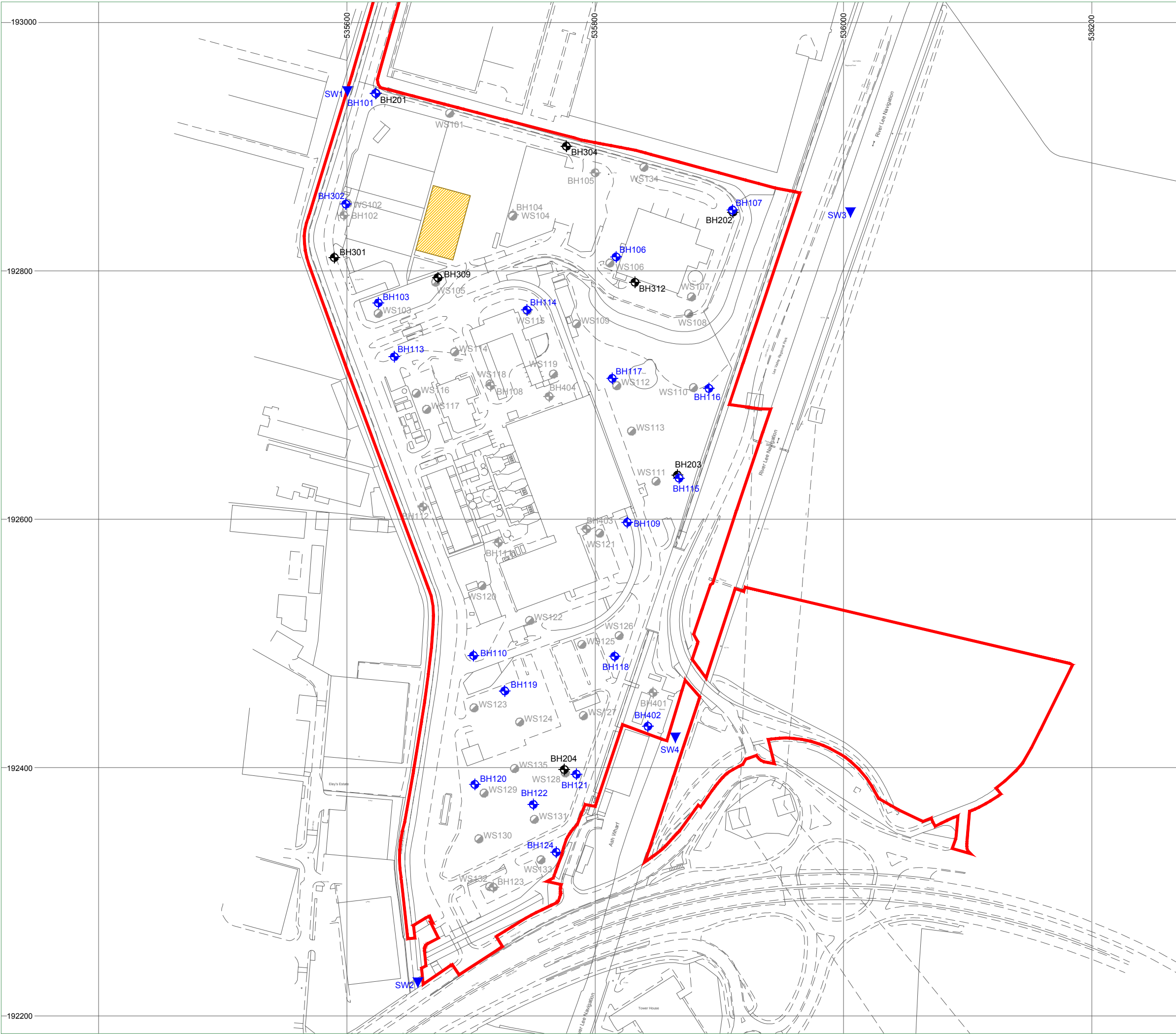
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**Volume 2 Figure 5.1
Project Overlap with Lea Valley
Site of Metropolitan Importance for
Nature Conservation**

Scale at A3

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Job No	Drawing Status
235271-13	ISSUE
Drawing No	Revision
001	P4



DRAWING KEY

- APPLICATION SITE BOUNDARY
- GROUNDWATER MONITORING BOREHOLE (KPG)
- GROUNDWATER MONITORING BOREHOLE (LAMBETH)
- BOREHOLE NOT INSTALLED/ DECOMMISSIONED/ SELECTED FOR MONITORING
- WINDOW SAMPLE NOT INSTALLED/ DECOMMISSIONED/ SELECTED FOR MONITORING
- SURFACE WATER SAMPLING LOCATION
- AREA WITH AN UNDERLYING PROTECTIVE MEMBRANE

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DATE
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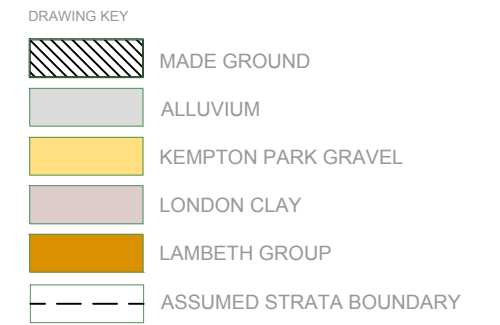
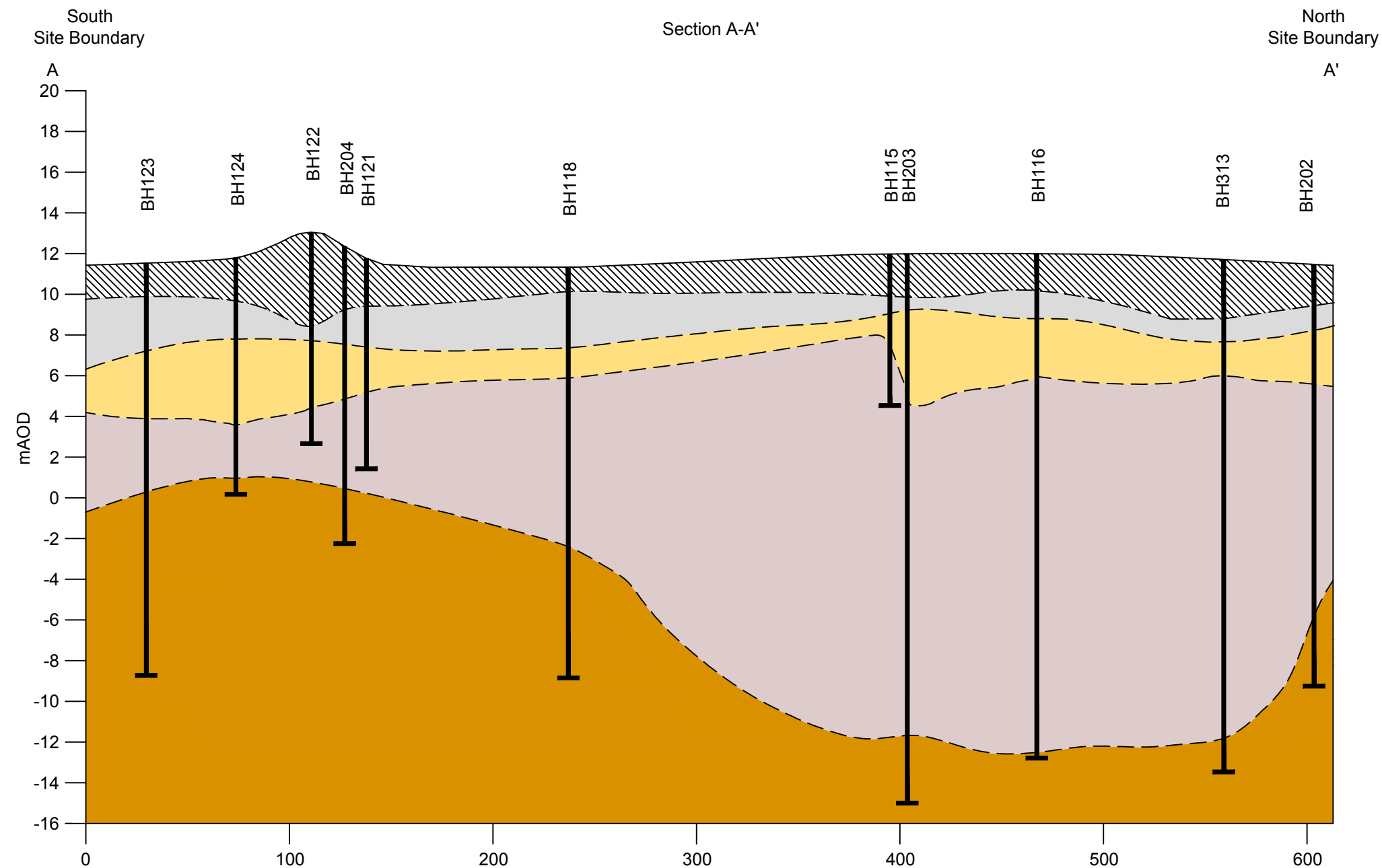
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DRAWING
VOLUME 2 FIGURE 7.1
GROUNDWATER AND SURFACE WATER
MONITORING LOCATION PLAN

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PARKJ GAVIJ

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35180-New39d.dwg

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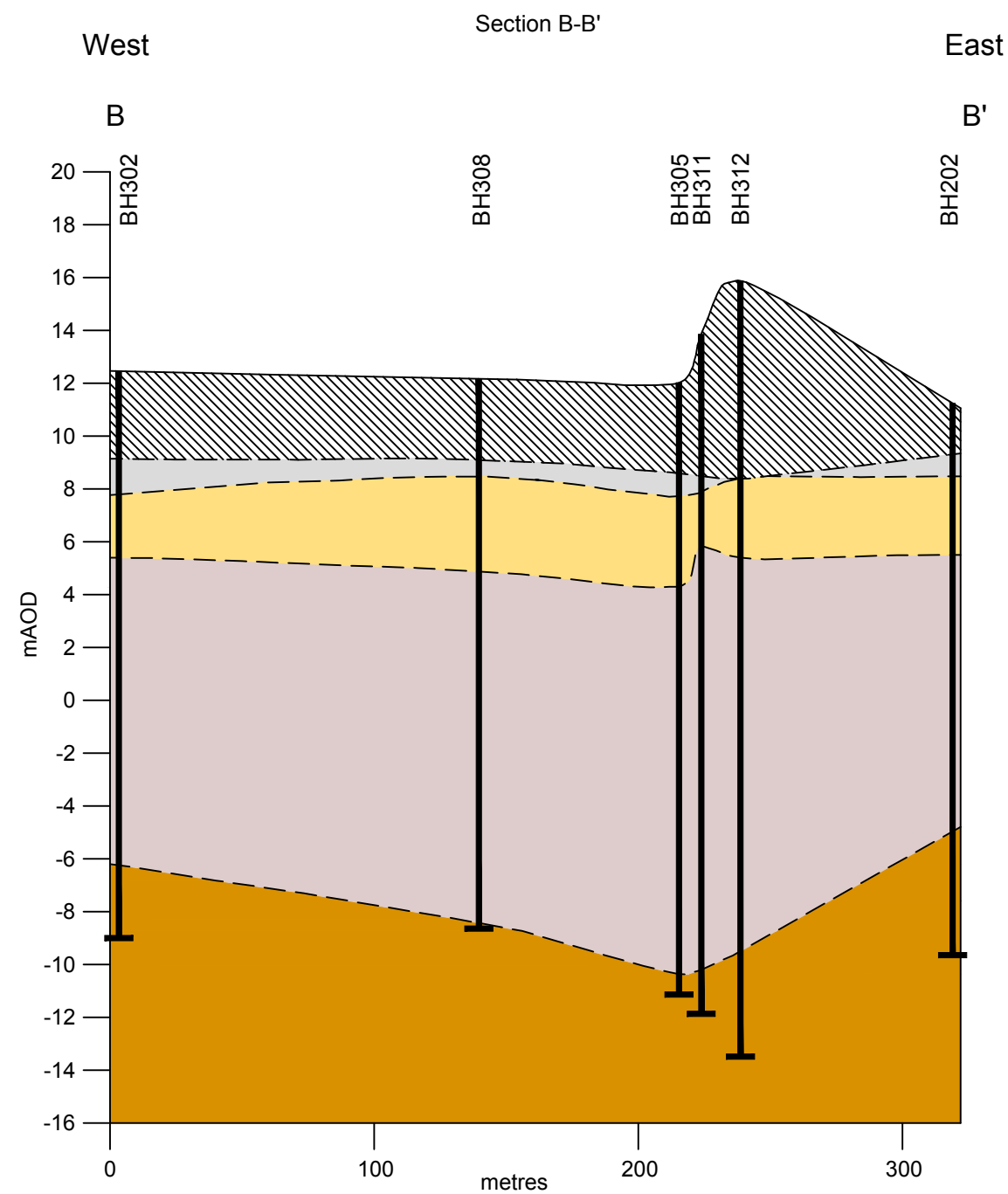
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DRAWING
VOLUME 2 FIGURE 7.2
CROSS SECTION 1 A-A'

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PARKJ GAVIJ

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35180-New42c.dwg

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03



DRAWING KEY	
	MADE GROUND
	ALLUVIUM
	KEMPTON PARK GRAVEL
	LONDON CLAY
	LAMBETH GROUP
	ASSUMED STRATA BOUNDARY

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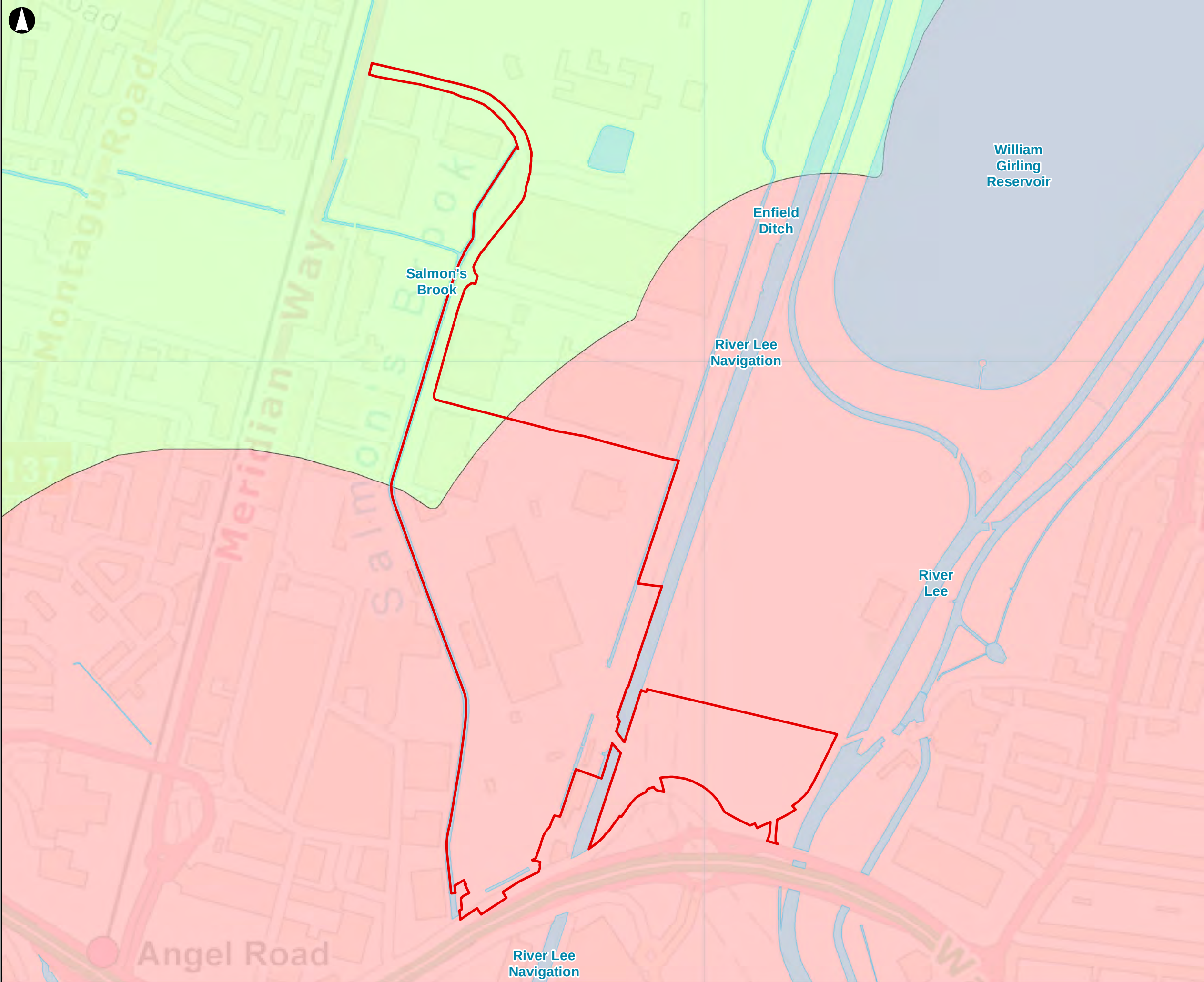
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DRAWING
VOLUME 2 FIGURE 7.3
CROSS SECTION B-B'

DRAWN	CHECKED	AUTHORISED
PARKJ	GAVIJ	

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35180-New43c.dwg

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Legend

Application Site Boundary

Source Protection Zones

SPZ 1

SPZ 2

Metres

0 65 130 260

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Job Title

**North London Heat and Power Project
Ground Conditions and Contamination
Assessment**

Drawing Title

**Volume 2 Figure 7.4
Source Protection Zones**

Scale at A3

1:5,000

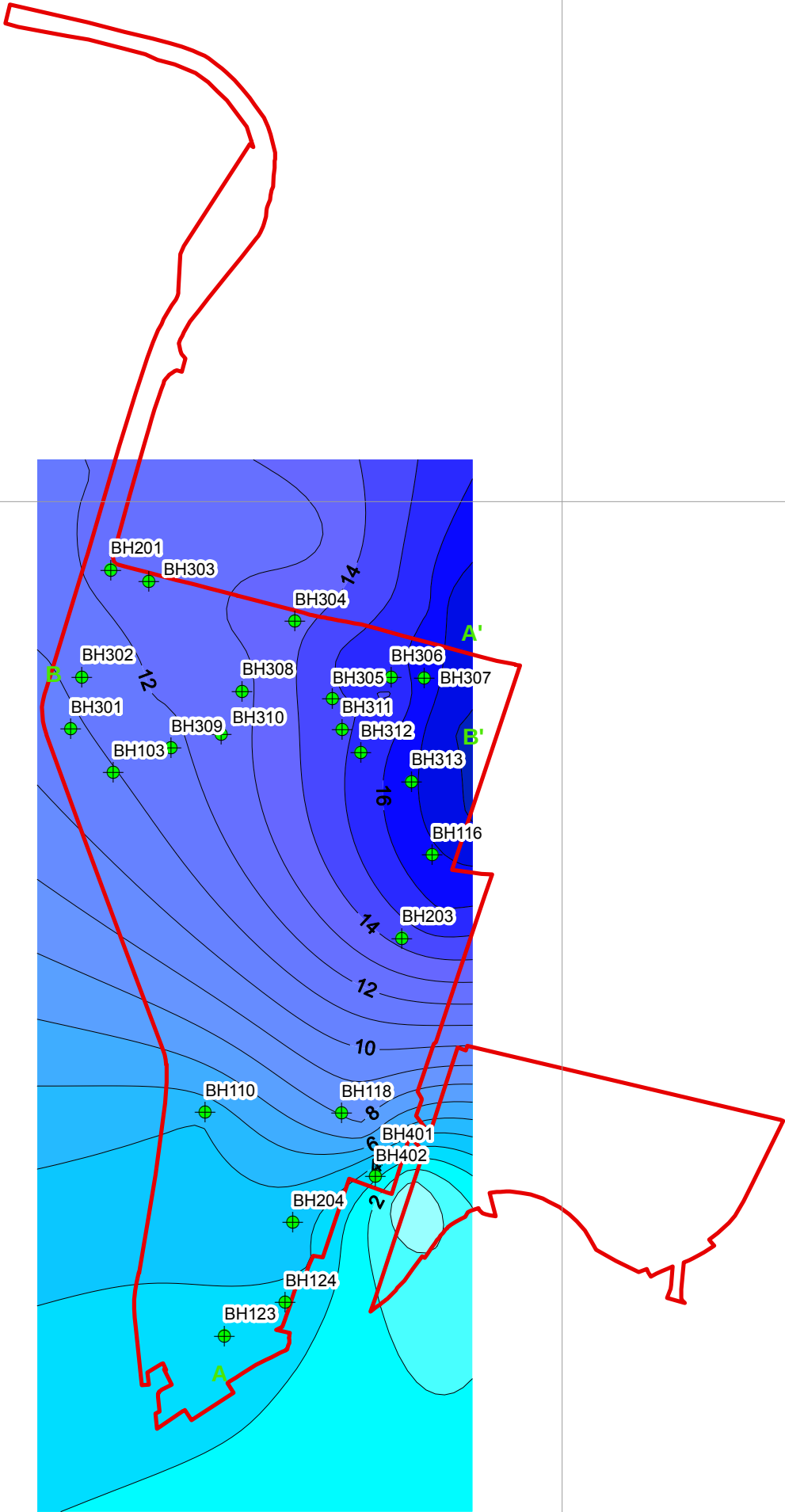
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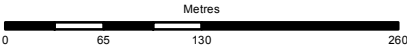
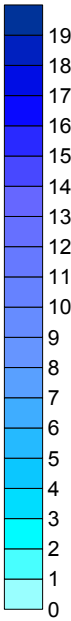
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Legend

Application Site Boundary

Thickness of London Clay (m)



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Job Title
**North London Heat and Power Project
Ground Conditions and Contamination
Assessment**

Drawing Title
**Volume 2 Figure 7.5
Thickness of London Clay**

Scale at A3
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Job No 235271-00	Drawing Status FINAL
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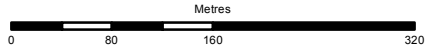
Drawing No 35180-New41d.mxd parkj	Revision 4
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- Legend**
- Receptor Locations
 - Application Site Boundary
 - London Borough Boundary

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Job Title

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Drawing Title

**Volume 2 Figure 8.1
Noise measurement and Receptor
Locations**

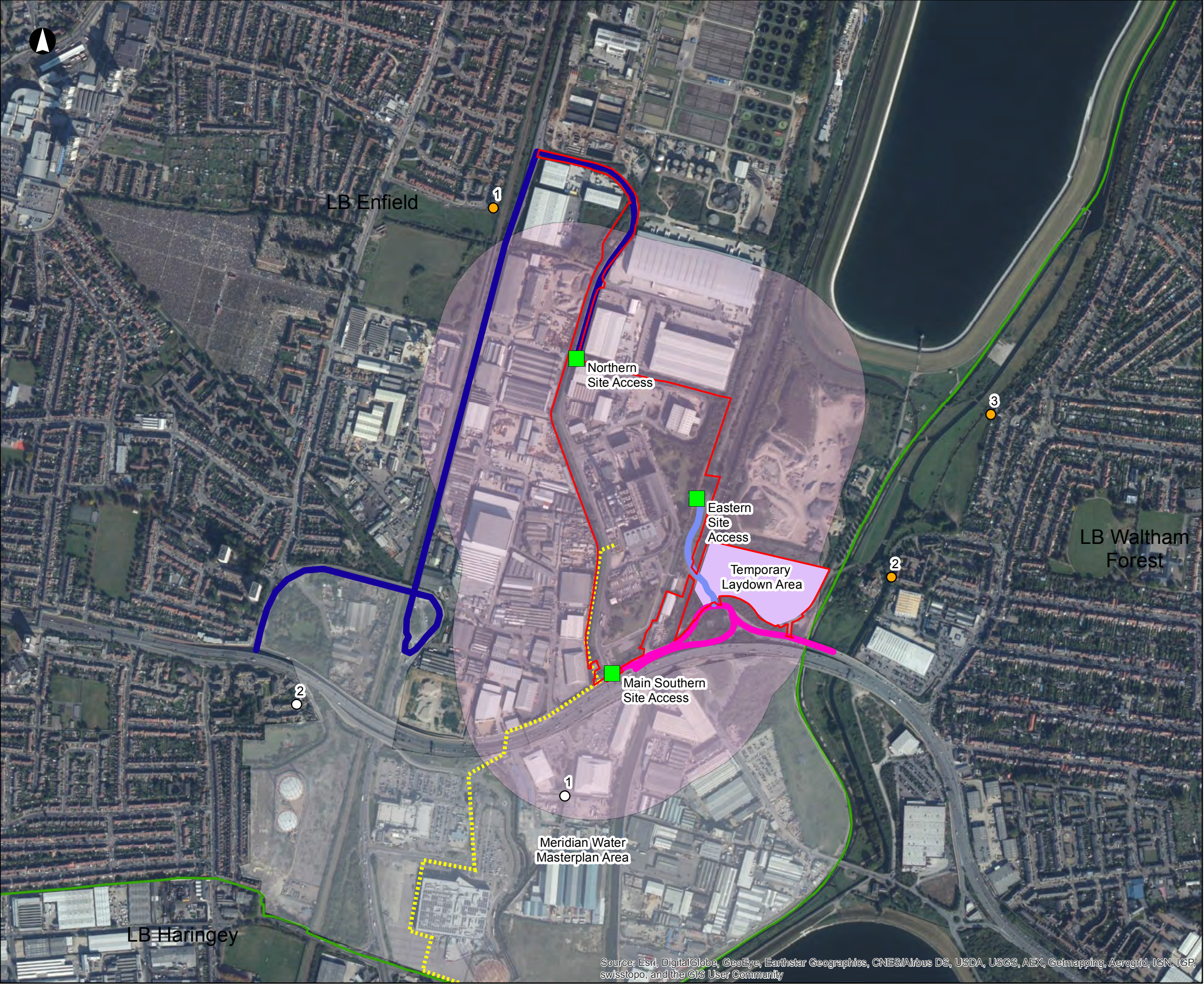
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235271-10	Issue

Drawing No	Revision
001	P3

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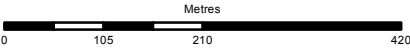
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Legend

- Existing Sensitive Receptors
- Future Sensitive Receptors
- Entrance Access
- UK Power Networks working area
- Flow 3 via A1055 Meridian Way
- Flow 2 via Lee Park Way
- Flow 1 via Advent Way
- Temporary Laydown Area
- 300m Distance from Site
- Meridian Water Masterplan Area
- Application Site Boundary
- London Borough Boundary

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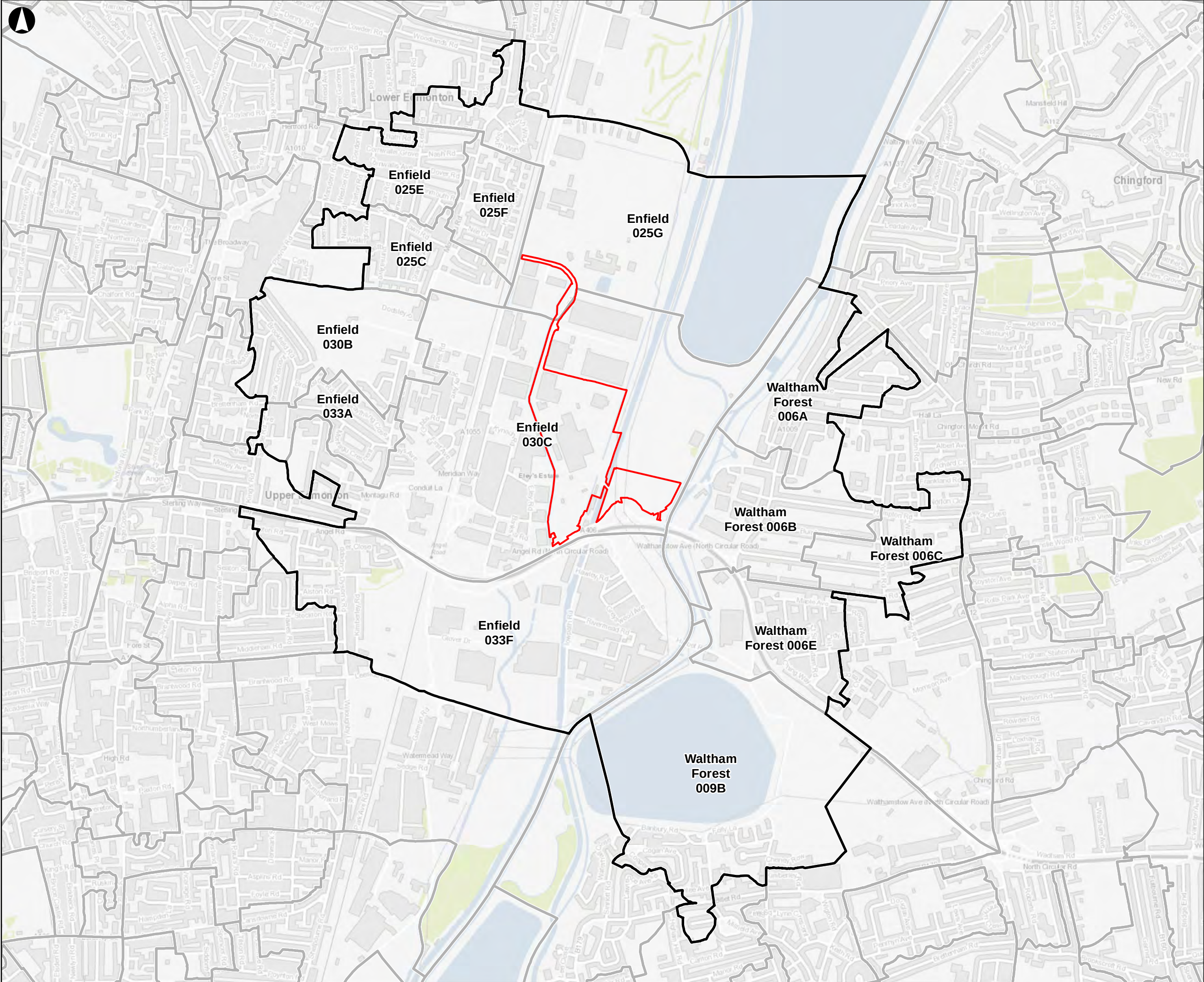
Client
North London Waste Authority

Job Title
North London Heat and Power Project

Drawing Title
**Volume 2 Figure 8.2
Traffic Routes for the
Project**

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Job No 235271-00	Drawing Status Issue	Revision P2
Drawing No 001		

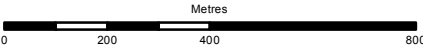


Legend

- Application Site Boundary
- Neighbourhood Area

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Job Title

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Drawing Title

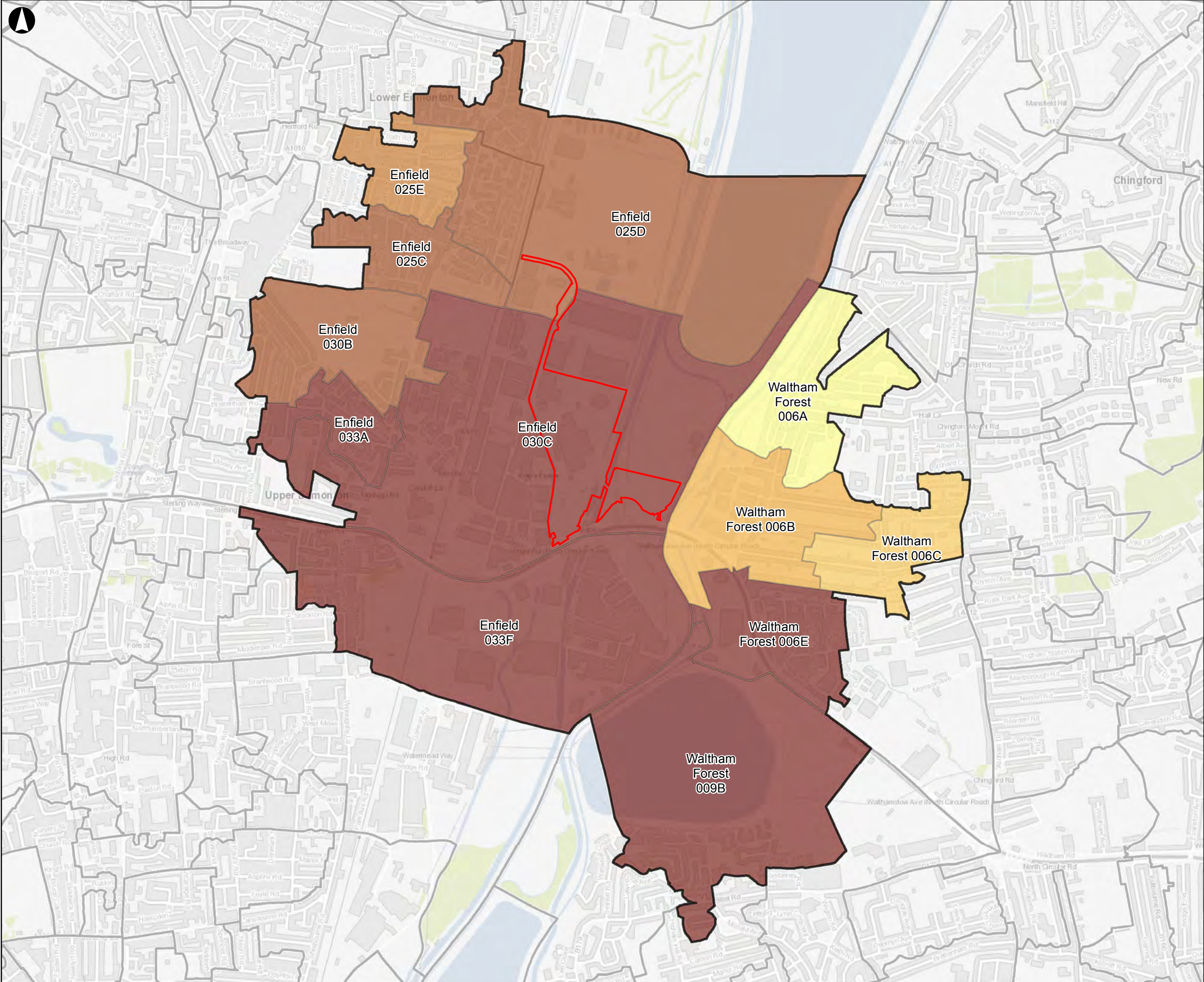
**Volume 2 Figure 9.1
Socio-Economics Assessment
Neighbourhood Area**

Scale at A3

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Job No	Drawing Status
235271-17	Issue

Drawing No	Issue
001	P1



Legend

Application Site Boundary

Neighbourhood Area

Overall_Percentile

4 - 9% - Most Deprived

10 - 14%

15 - 19%

20 - 25%

26 - 30%

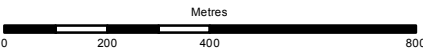
31 - 35%

36 - 40% - Least Deprived

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Job Title

North London Heat and Power Project

Drawing Title

Volume 2 Figure 9.2
Overall Deprivation in the Neighbourhood
Area

Scale at A3

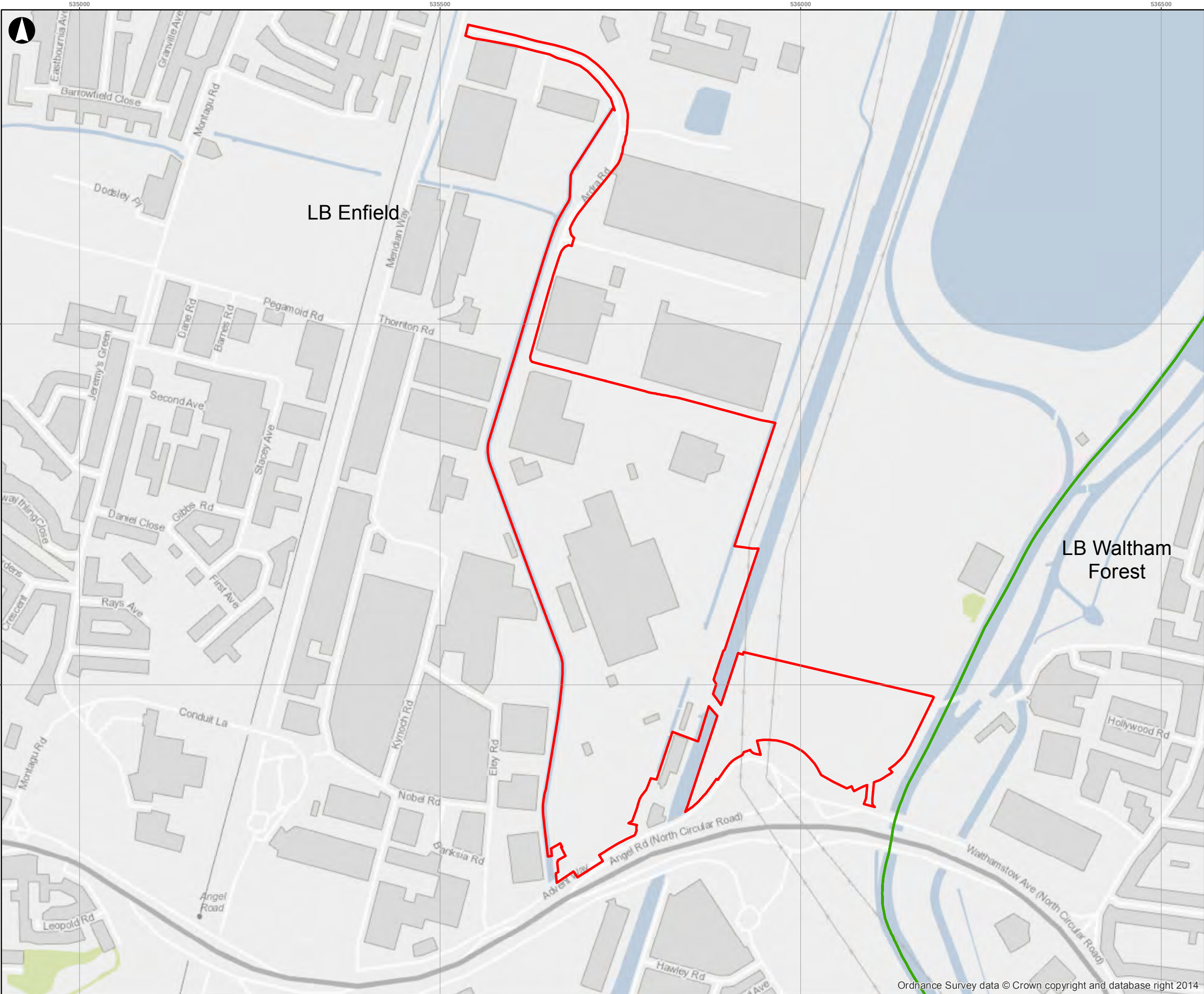
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Drawing Status
Issue

Drawing No
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Issue
P1

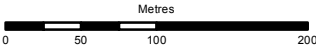


Legend

- Application Site boundary
- London Borough Boundary

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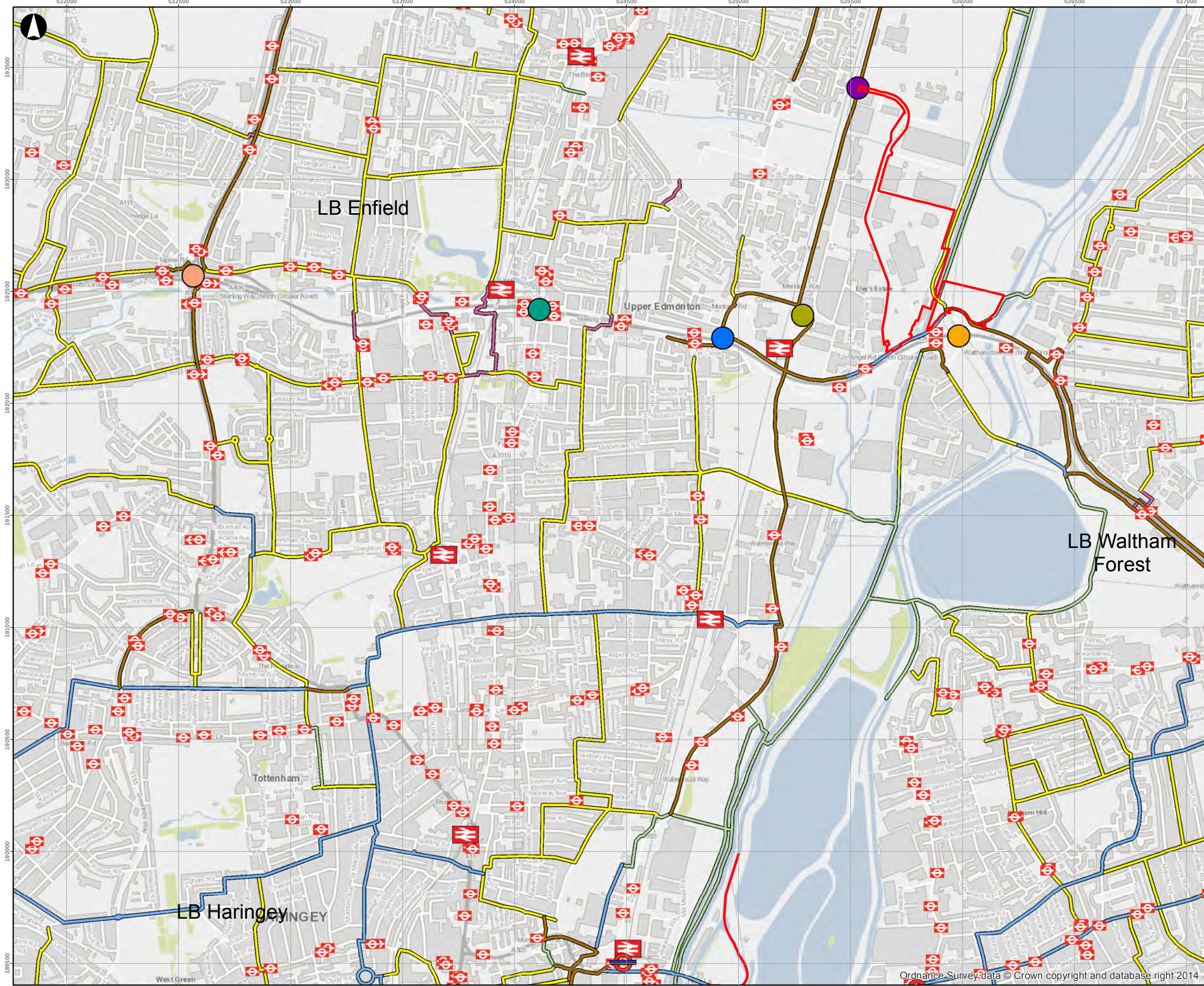
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Job Title
North London Heat and Power Project

Figure Title
**Volume 2 Figure
10.1 Local
Highway Network**

Scale at A3
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Job No 235271-30	Drawing Status Issue	Revision P1
Figure No Vol 2 Figure10.1		



- Legend**
- Application Site boundary
 - London Underground
 - National Rail Stations
 - Cooks Ferry Roundabout
 - A1055 Meridian Way - Conduit Lane
 - A406 North Circular Road - Montagu Road
 - A406 North Circular Road - A1010 Fore Street
 - A406 North Circular Road - A10 Great Cambridge Road
 - A1055 Meridian Way - Andra Road

London Cycle Guide

FACILITY

- Off Carriage: Provision for cyclists alongside busy roads
- Signed Route: Routes signed for cyclists that may be on busier roads
- Advisory: Routes on quieter roads recommended by cyclists
- Park or Canal Route: Routes through parks for walking & cycling
- Pedestrian Link: Pedestrian only route

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North London Heat and Power Project

Figure Title
**Volume 2 Figure
10.2 Local
Transport Context**

Scale at A3
1:16,000

Job No 235271-30	Drawing Status Issue
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Figure No Vol 2 Figure 10.2	Revision P1
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Legend
 Application Site Boundary

0 205 410 820 Metres

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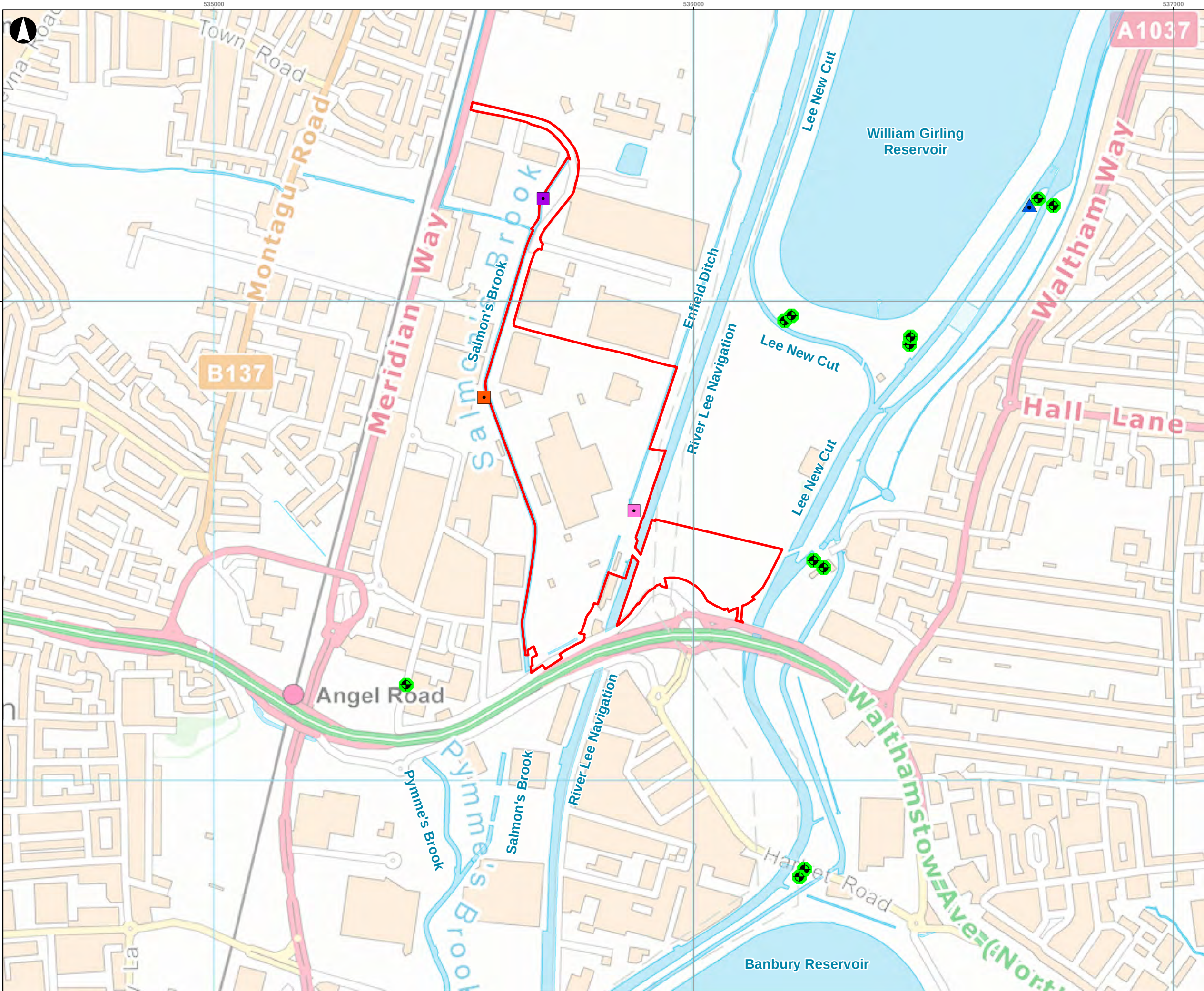
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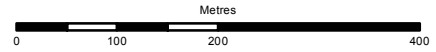
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**Volume 2 Figure 11.1
Application Site
Hydrology**

Scale at A3 1:15,000	
Job No 235271-00	Drawing Status Issue
Drawing No 35180-New37b.mxd	Revision P3



- Legend**
- Application Site Boundary
 - Licensed groundwater abstraction
 - Licensed surface water abstraction
 - Consented discharge (Henry Group Ltd)
 - Edmonton EcoPark discharge (surface water)
 - Edmonton EcoPark abstraction



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Job Title
**North London Heat and Power Project
Water Resources and Flood Risk
Assessment**

Drawing Title
**Volume 2 Figure 11.2
Groundwater and Surface Water
Abstractions and Discharges**

Scale at A3 1:7,500	
Job No 235271-00	Drawing Status Issue
Drawing No 35180-New38b.mxd	Revision P3



Series 06 Environmental
Statement

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