



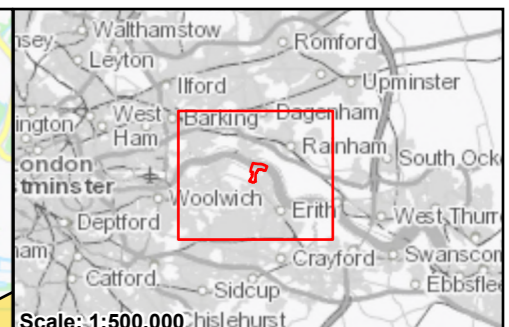
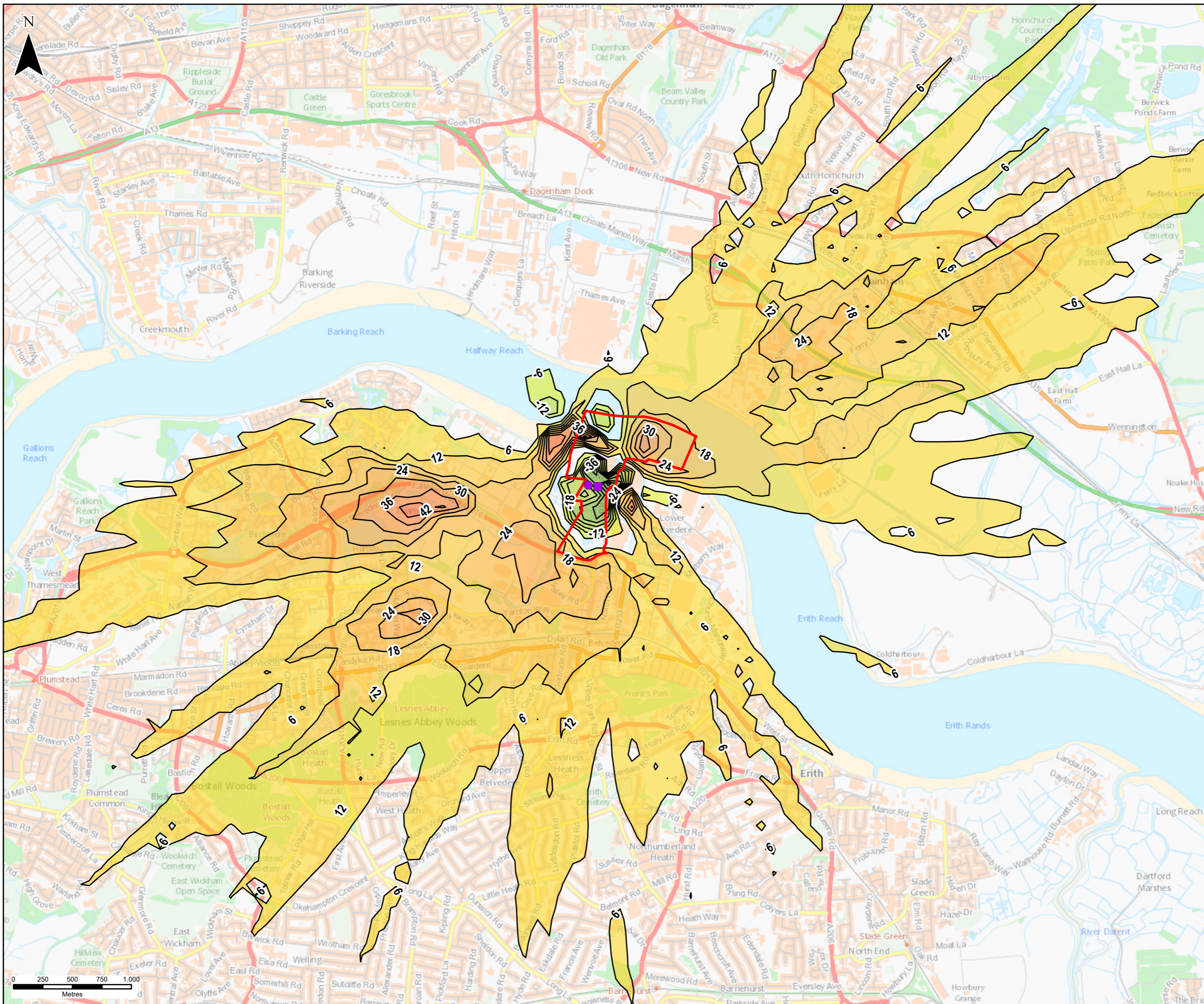
**CONSULTATION
REPORT: 5.1
APPENDICES VOL. 2.3
PEIR PART 2**

DECARBONISATION

Cory Decarbonisation Project

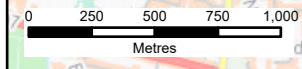
PINS Reference: EN010128

March 2024



Scale: 1:500,000

- Legend:**
- Site Boundary
 - Carbon Capture Riverside 1
 - Carbon Capture Riverside 2
 - SO₂ 15 Minute Impact (µg/m³)



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CORY DECARBONISATION PROJECT

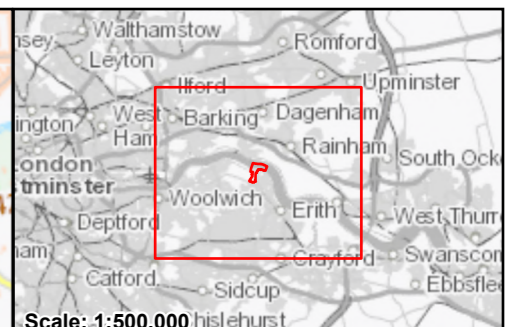
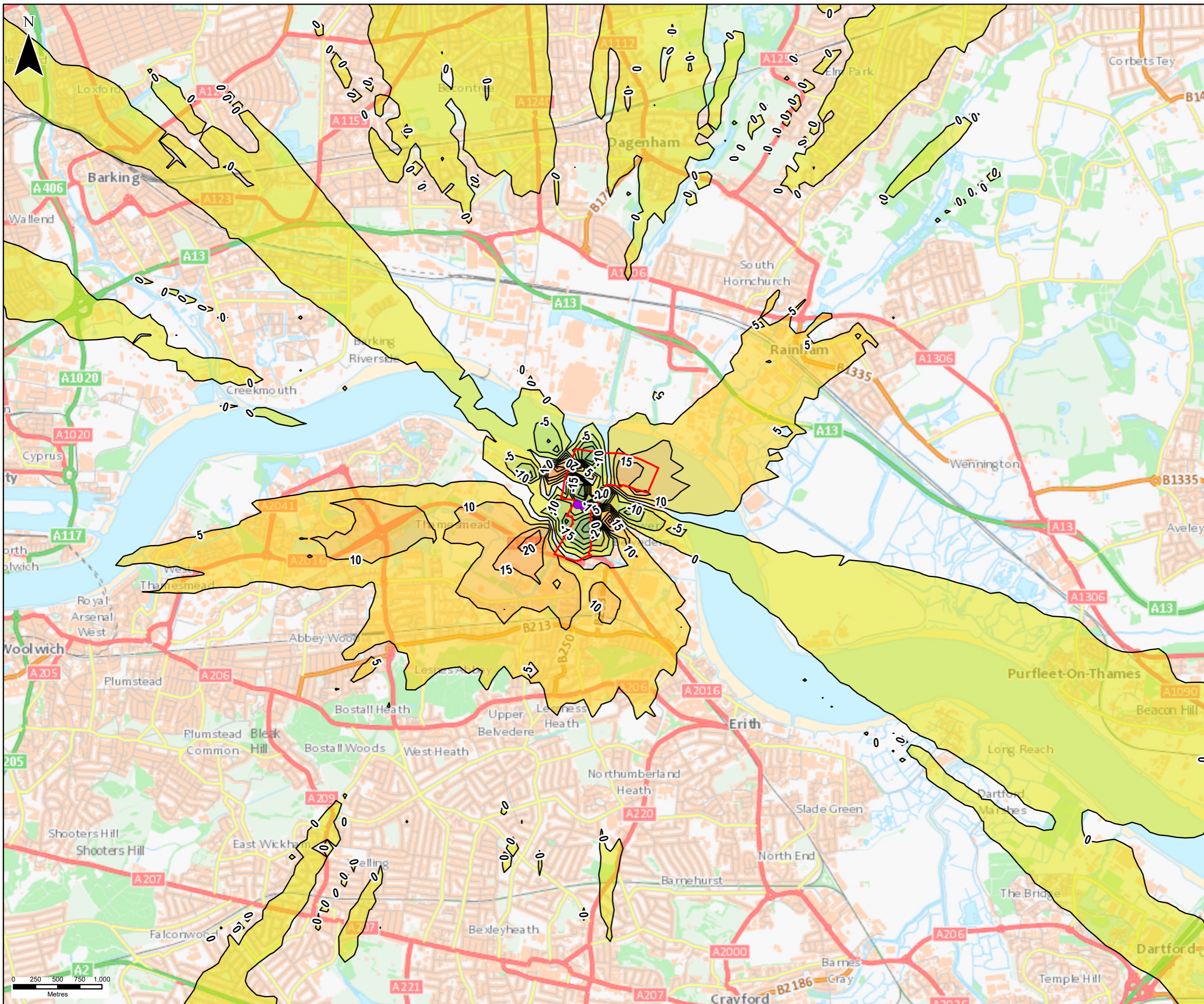
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**FIGURE 5-8:
SO₂ 15 MINUTE IMPACT**

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70090329-WSP-00-XX-RP-EP-0508-P01-S0



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Legend:

- Site Boundary
- Carbon Capture Riverside 1
- Carbon Capture Riverside 2
- SO₂ 1hr Impact (µg/m³)

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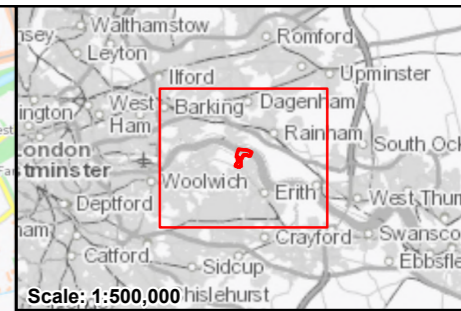
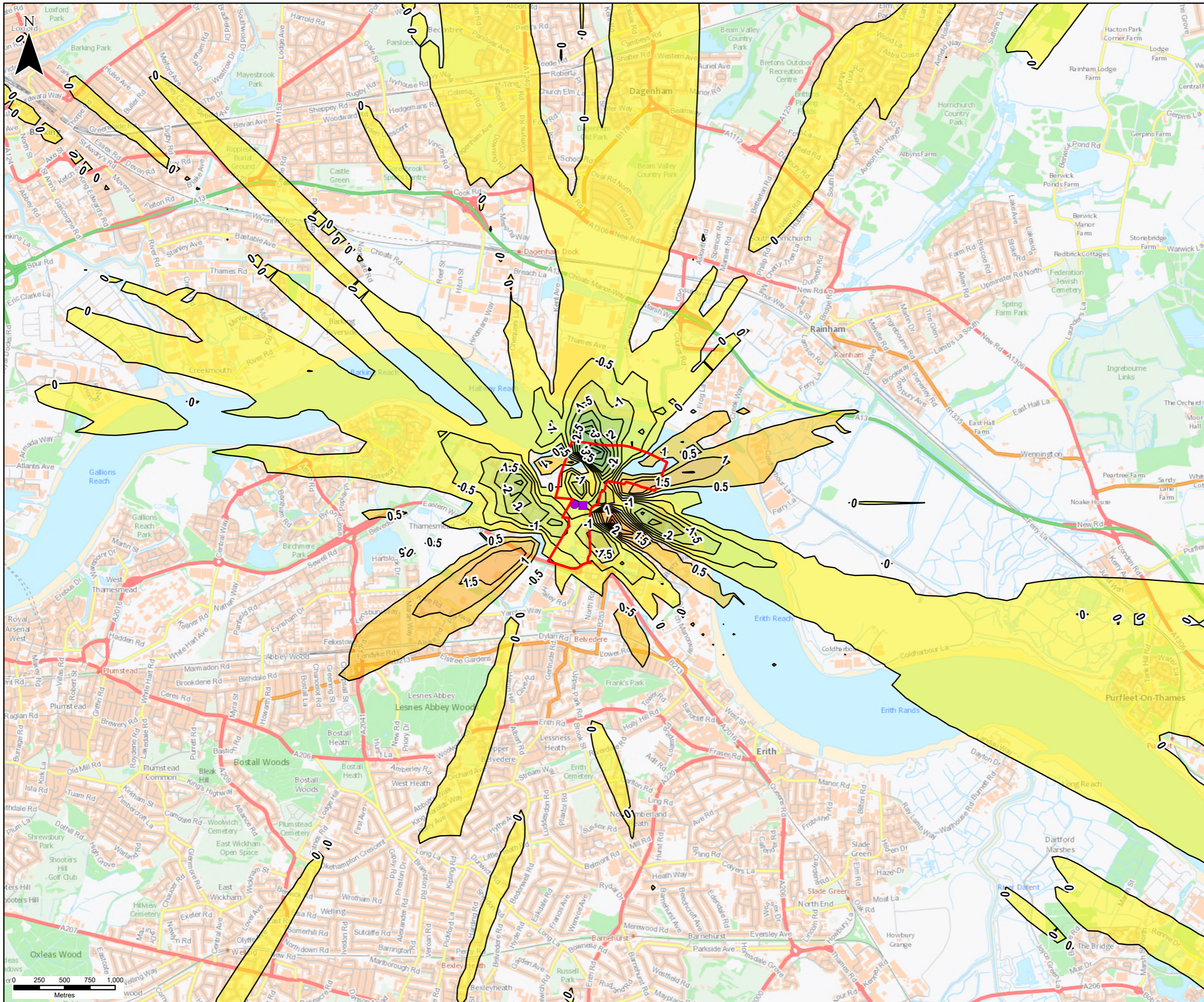
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CORY DECARBONISATION PROJECT

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FIGURE 5-9:
SO₂ 1 HOUR IMPACT

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Scale: 1:500,000

Legend:

- Site Boundary
- Stack Locations
- Carbon Capture Riverside 1
- Carbon Capture Riverside 2
- SO₂ 24 Hour Impact (µg/m³)

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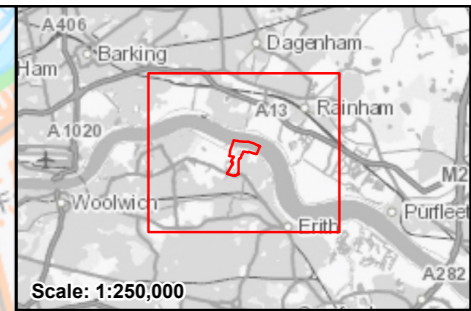
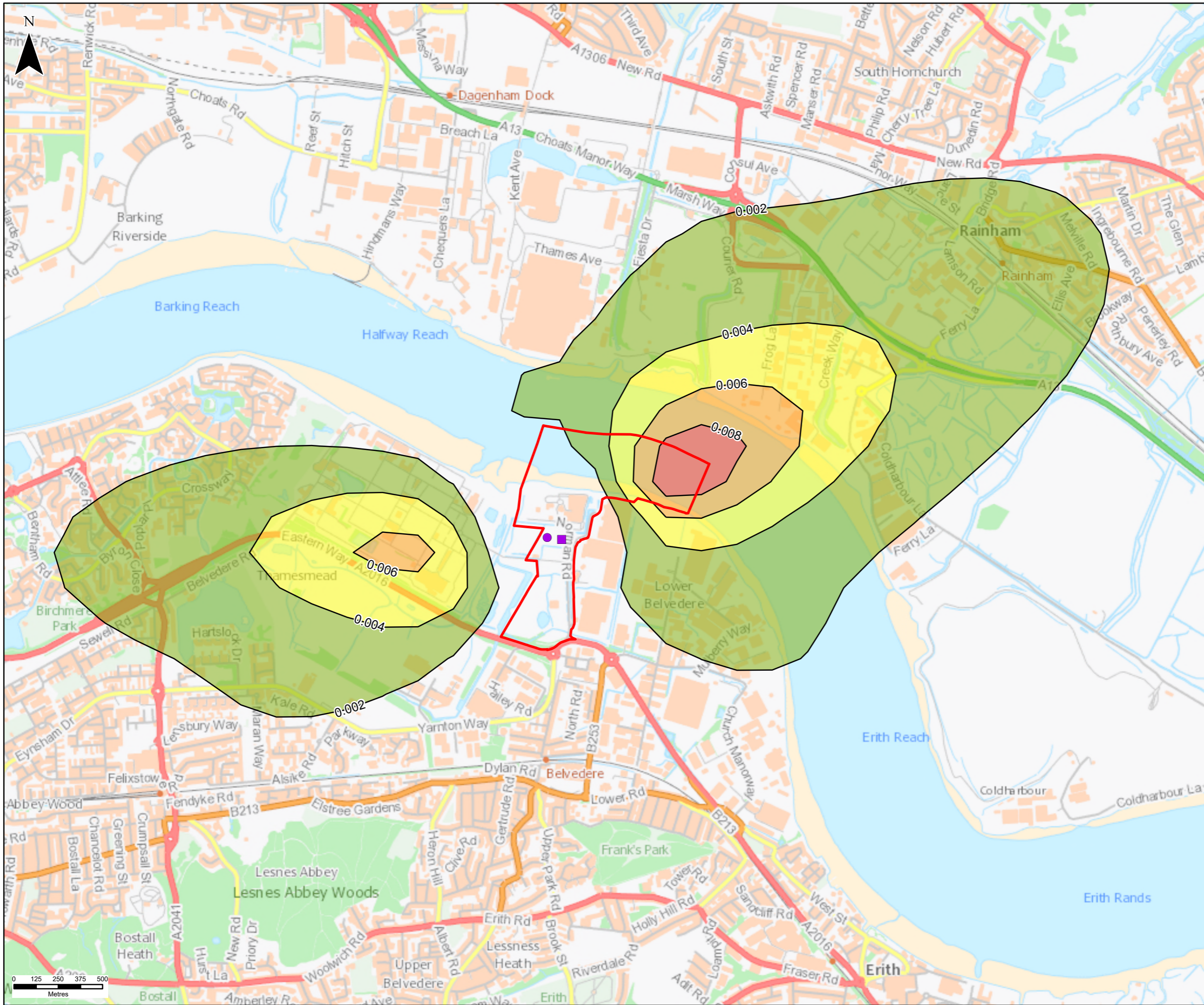
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CORY DECARBONISATION PROJECT

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**FIGURE 5-10:
SO₂ 24 HOUR IMPACT**

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Scale: 1:250,000

Legend:

- ▭ Site Boundary
- Stack Locations**
- Carbon Capture Riverside 1
- Carbon Capture Riverside 2
- Nitrosamine-2 Annual Impact ($\mu\text{g}/\text{m}^3$)

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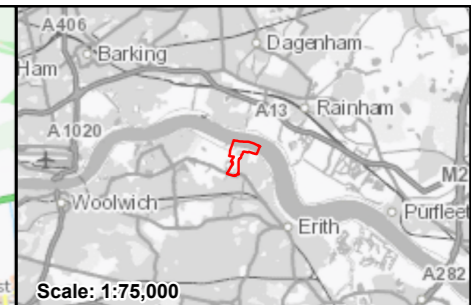
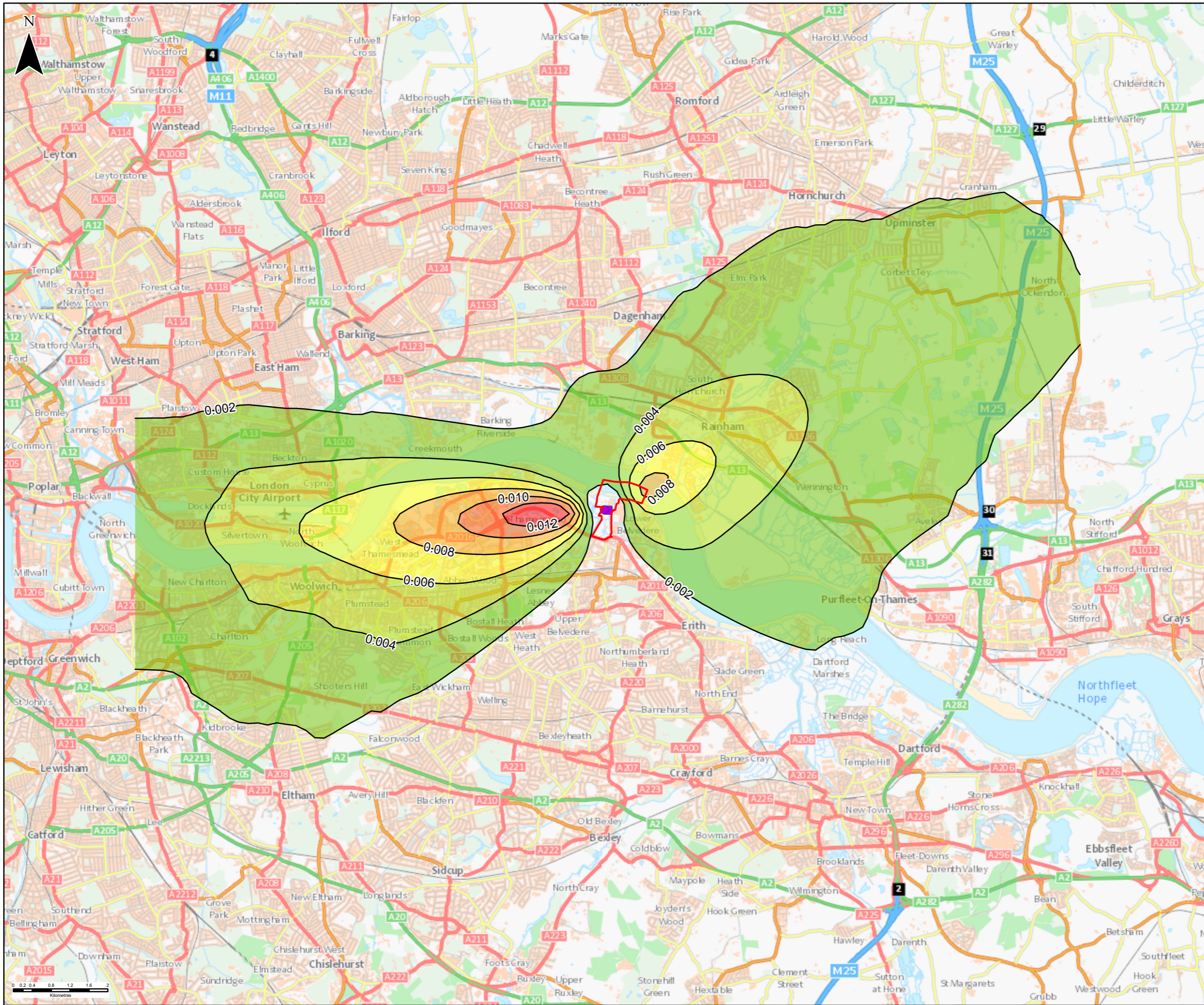
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CORY DECARBONISATION PROJECT

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FIGURE 5-11:
NITROSAMINE-2 ANNUAL IMPACT

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SCALE @ A3 SIZE: 1:20,000		DATE: 18/09/2023	REVISION: P00

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70090329-WSP-00-XX-RP-EP-0511-P01-S0



Scale: 1:75,000

- Key:**
- Site Boundary
 - Stack Locations**
 - Carbon Capture Riverside 1
 - Carbon Capture Riverside 2
 - Nitramine-2 Annual Impact(µg/m³)

NOTE :Operational Modelling Study Area extends to 15km from the Site Boundary

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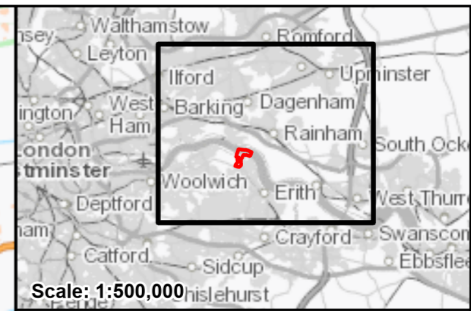
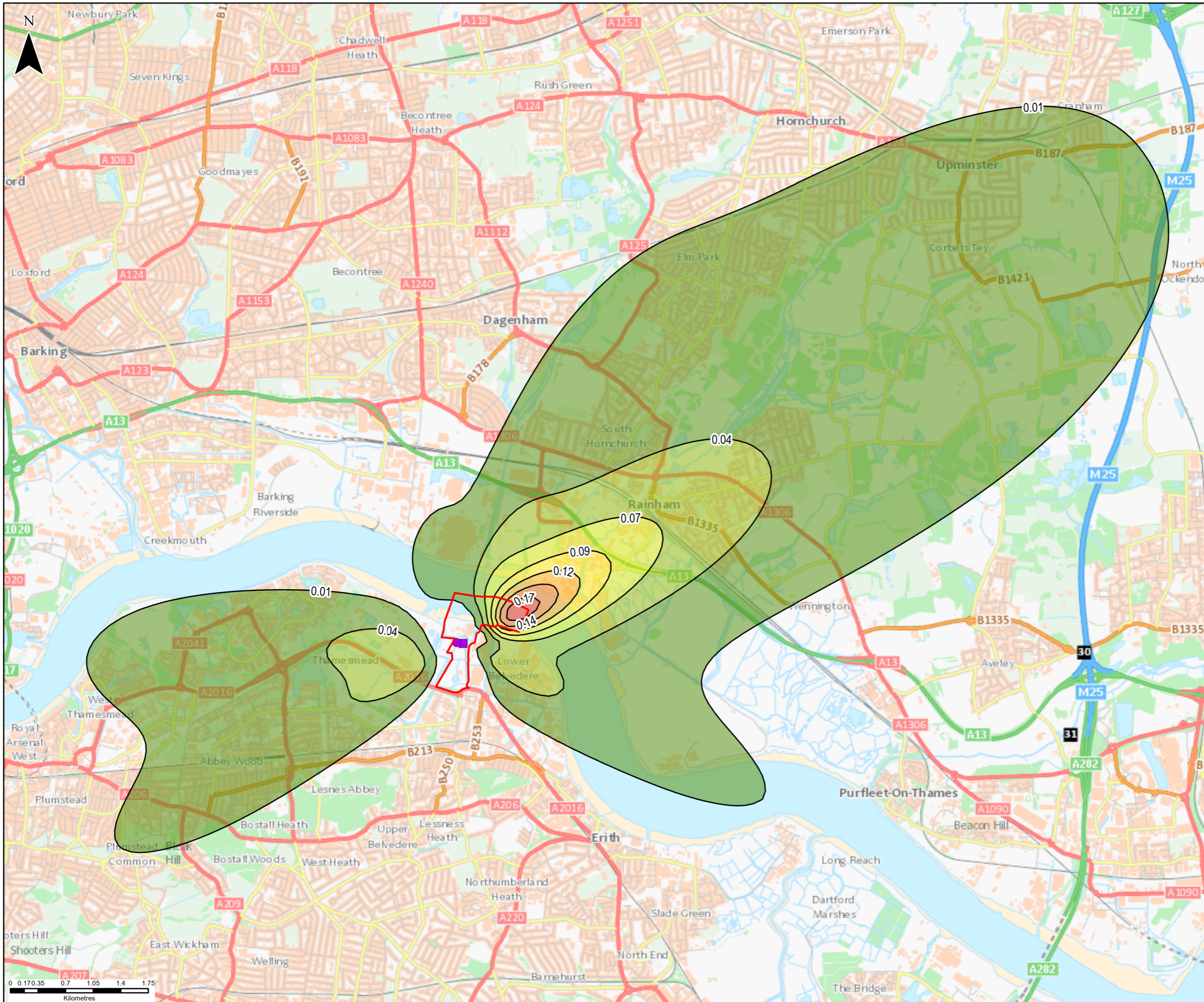
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CORY DECARBONISATION PROJECT

DRAWING TITLE:
**FIGURE 5-12:
NITRAMINE-2 ANNUAL IMPACT**

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KD	JF	SH	JW
SCALE @ A3 SIZE: 1:75,000		DATE: 28/09/2023	REVISION: P00

DRAWING NUMBER:
70090329-WSP-00-XX-RP-EP-0512-P01-S0



Scale: 1:500,000

Key:

- Site Boundary
- Stack locations
- Carbon Capture Riverside 1
- Carbon Capture Riverside 2
- Aldehyde Annual Impact ($\mu\text{g}/\text{m}^3$)

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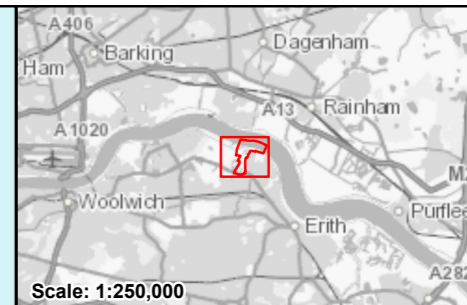
PROJECT TITLE:
CORY DECARBONISATION PROJECT

DRAWING TITLE:
**FIGURE 5-13:
ALDEHYDE ANNUAL IMPACT**

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RC	JF	SH	JW
SCALE @ A3 SIZE:	DATE:	REVISION:	
1:45,000	11/10/2023	P00	

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70090329-WSP-00-XX-RP-EP-0513-P01-S0



Scale: 1:250,000

- Legend**
- Site Boundary
 - Noise Monitoring Locations

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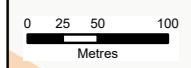
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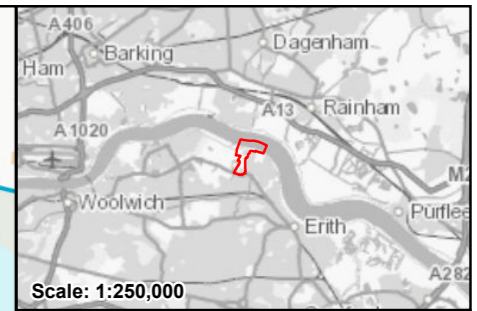
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**FIGURE 6-1:
NOISE SURVEY
MONITORING LOCATIONS**

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RC	JF	SH	JW
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1:5,000	22/09/2023	P00	

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- Legend**
- ▭ Site Boundary
 - Construction Noise Receptor Locations

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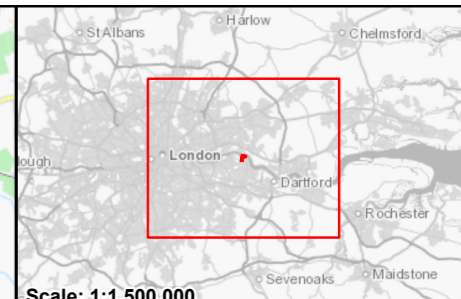
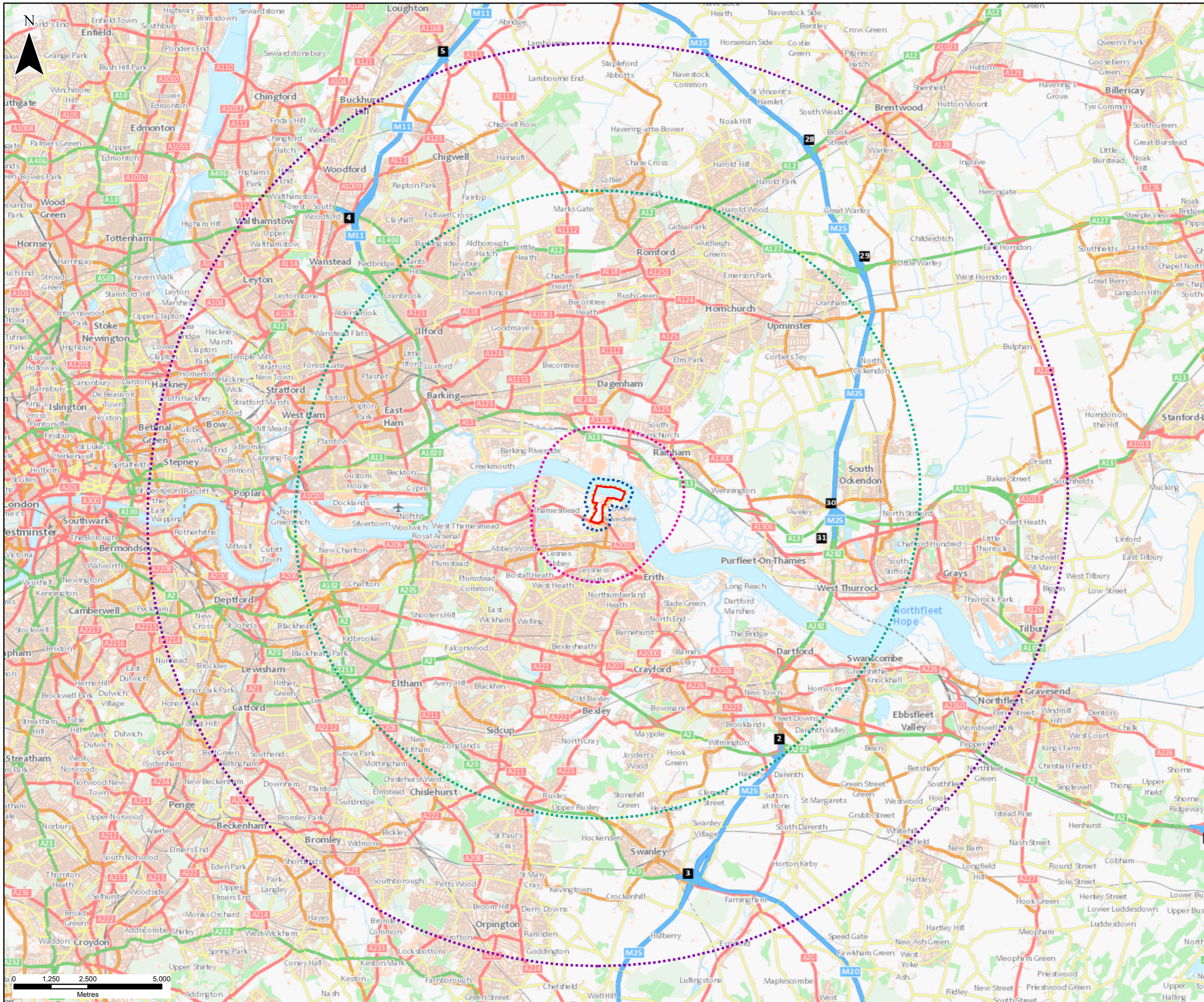
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**FIGURE 6-2:
CONSTRUCTION NOISE -
SENSITIVE RECEPTORS**

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SCALE @ A3 SIZE: 1:6,000		DATE: 12/09/2023	REVISION: P00

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Legend

- Site Boundary
- 25m Study Area
- 250m Study Area
- 2km Study Area
- 10km Study Area
- 15km Study Area

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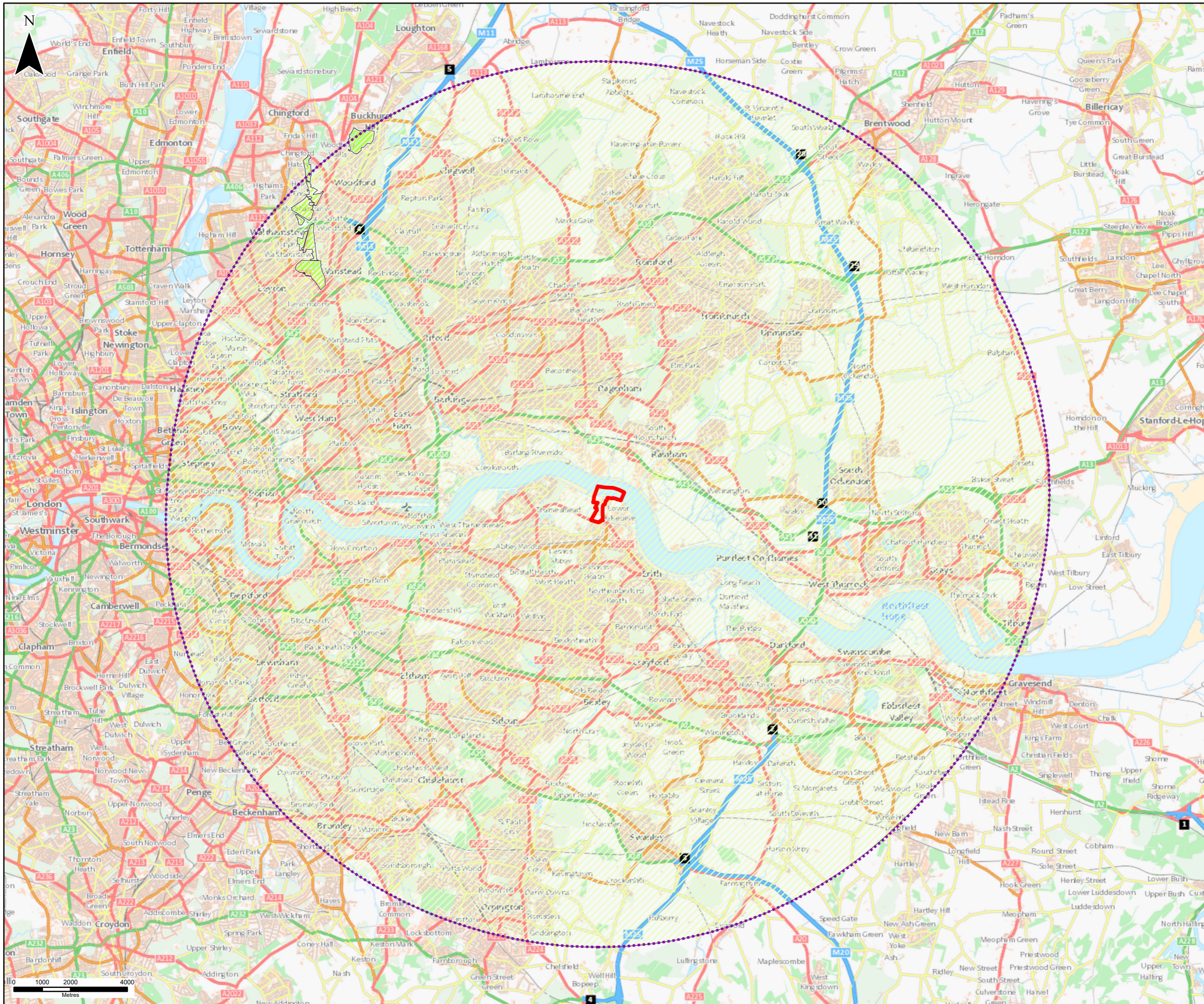
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**FIGURE 7-1:
TERRESTRIAL BIODIVERSITY STUDY AREAS**

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Scale: 1:1,250,000

Legend

- ▬ Site Boundary
- - - 15km Study Area
- Epping Forest Special Area of Conservation (SAC)
- Wider Epping Forest Special Area of Conservation (SAC) Designation

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FIGURE 7-2:
INTERNATIONALLY IMPORTANT
STATUTORY DESIGNATED SITES

CONFIDENTIALITY: PUBLIC

DRAWN: KD	CHECKED: JF	APPROVED: SH	AUTHORISED: JW
SCALE @ A3 SIZE: 1:125,000		DATE: 06/10/2023	REVISION: P00

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70090329-WSP-00-XX-RP-EP-0702-P01-S0