

## Appendix B.1 Figures

Figure 5.1 – Air Quality Monitoring Sites and AQMAs

Figure 5.2 – Modelled Discrete Human Receptor Locations

Figure 5.3 – Terrestrial Biodiversity Receptors within 2km

Figure 5.4 – Terrestrial Biodiversity Receptors within 10km

Figure 5.5 – Predicted Annual Average PM<sub>10</sub>/ PM<sub>2.5</sub> Process Contribution from RRRF post-ROP

Figure 5.6 – Predicted Annual Average NO<sub>2</sub> Process Contribution from RRRF post-ROP

Figure 5.7 – Predicted Annual Average TOC Process Contribution from RRRF post-ROP

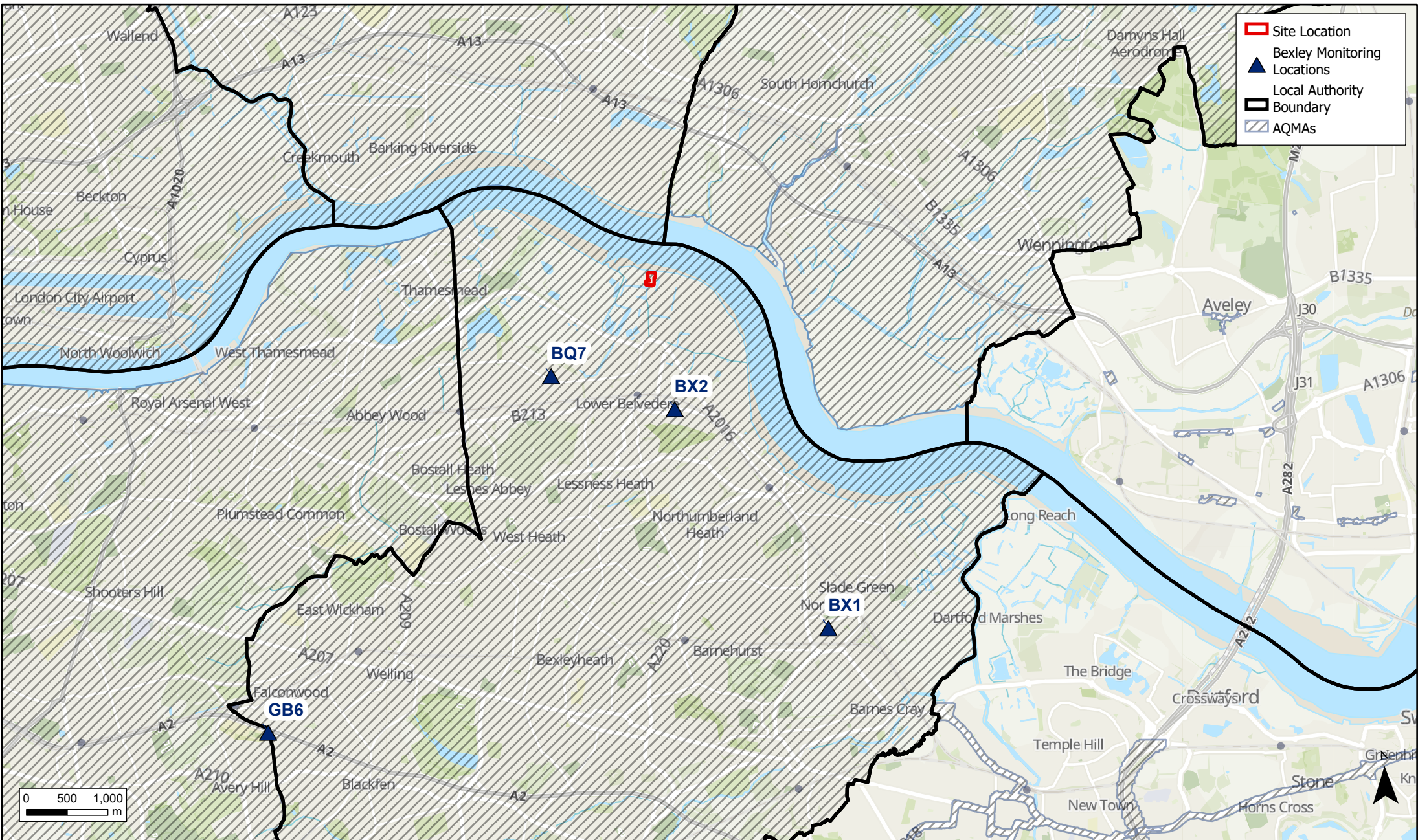
Figure 5.8 – Predicted Annual Average cadmium Process Contribution from RRRF post-ROP

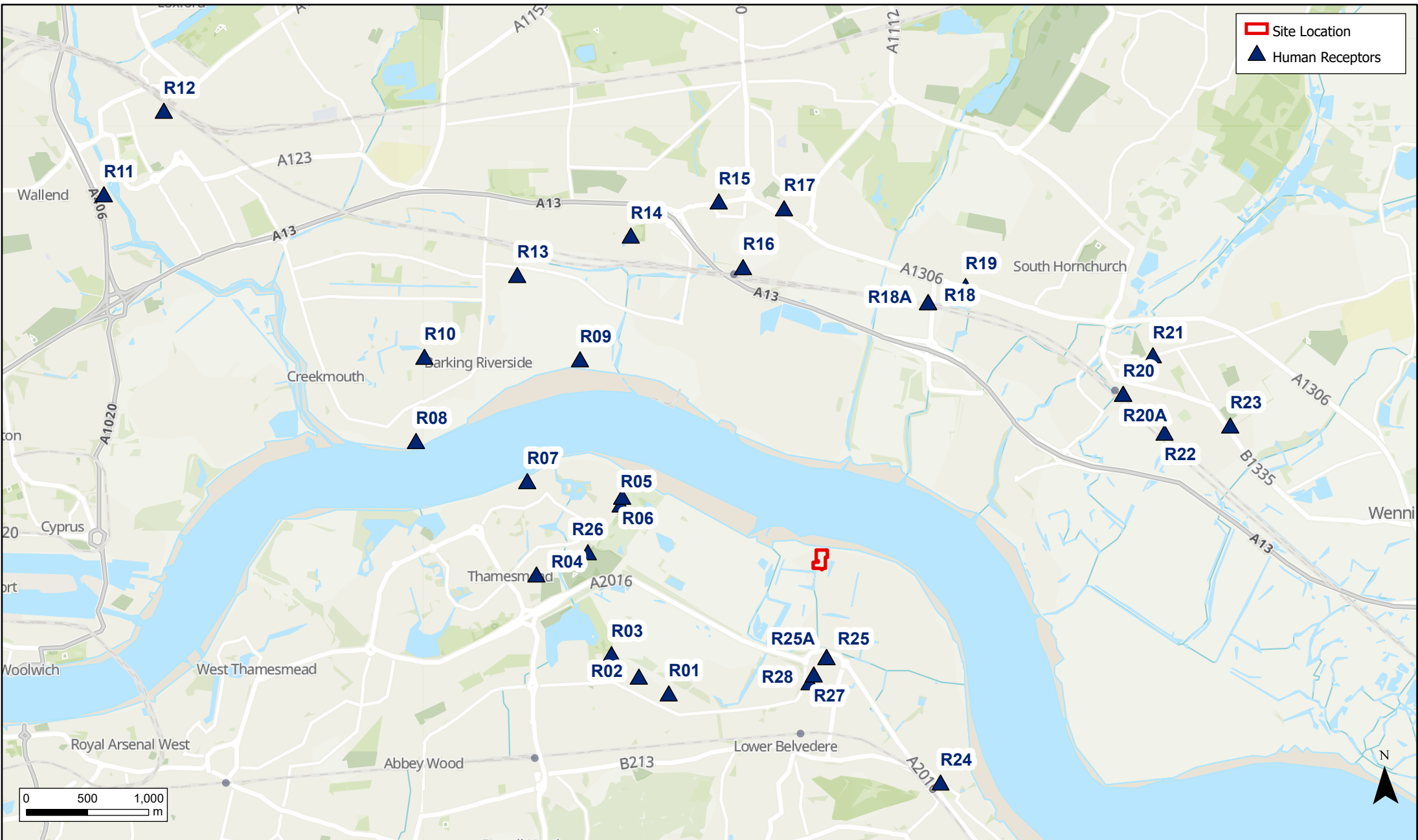
Figure 5.9 – Predicted Annual Average arsenic Process Contribution from RRRF post-ROP

Figure 5.10 – Predicted Annual Average chromium (VI) Process Contribution from RRRF post-ROP

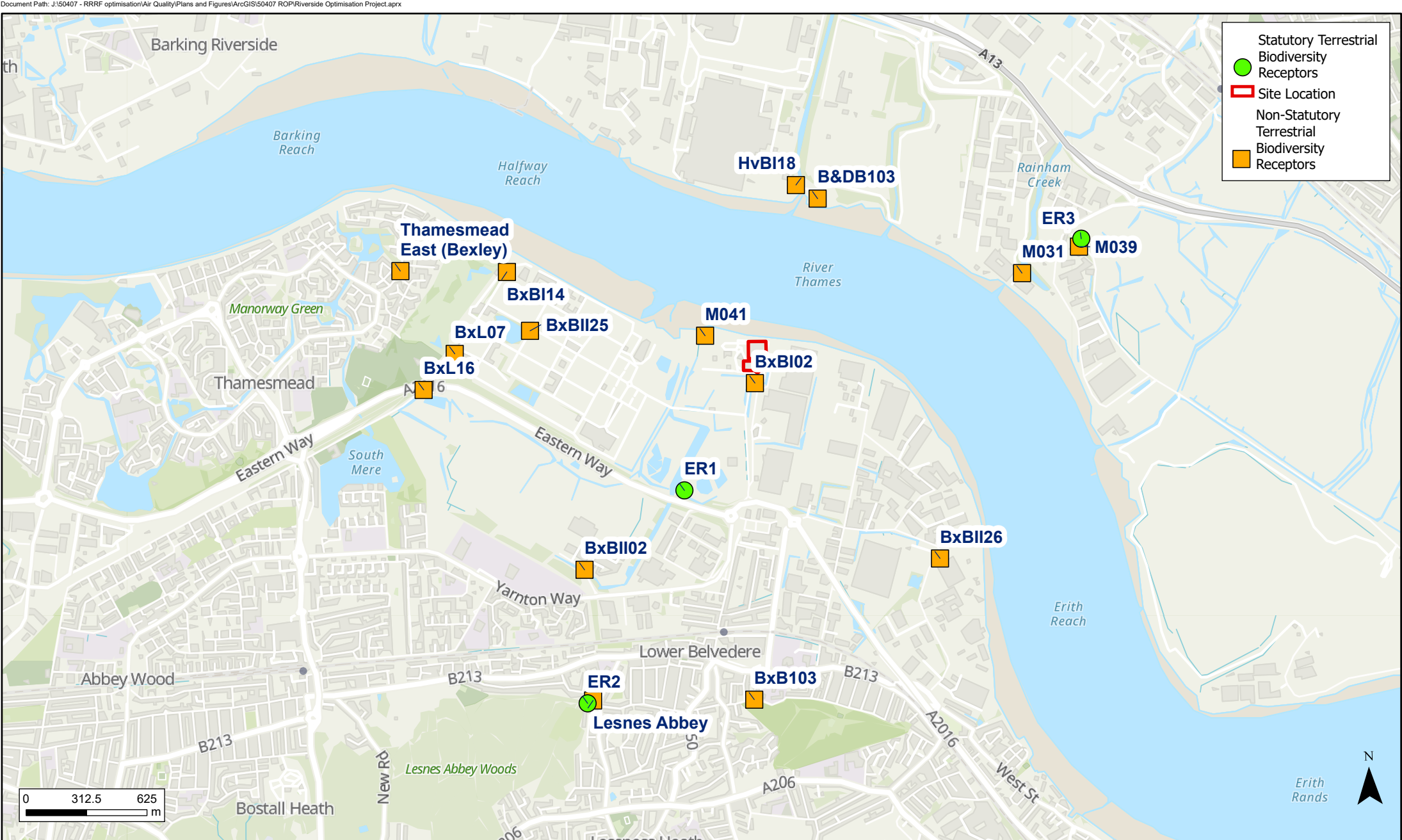
Figure 5.11 – Predicted Annual Average nickel Process Contribution from RRRF post-ROP

Figure 5.12 – Predicted Annual Average PAHs Process Contribution from RRRF post-ROP

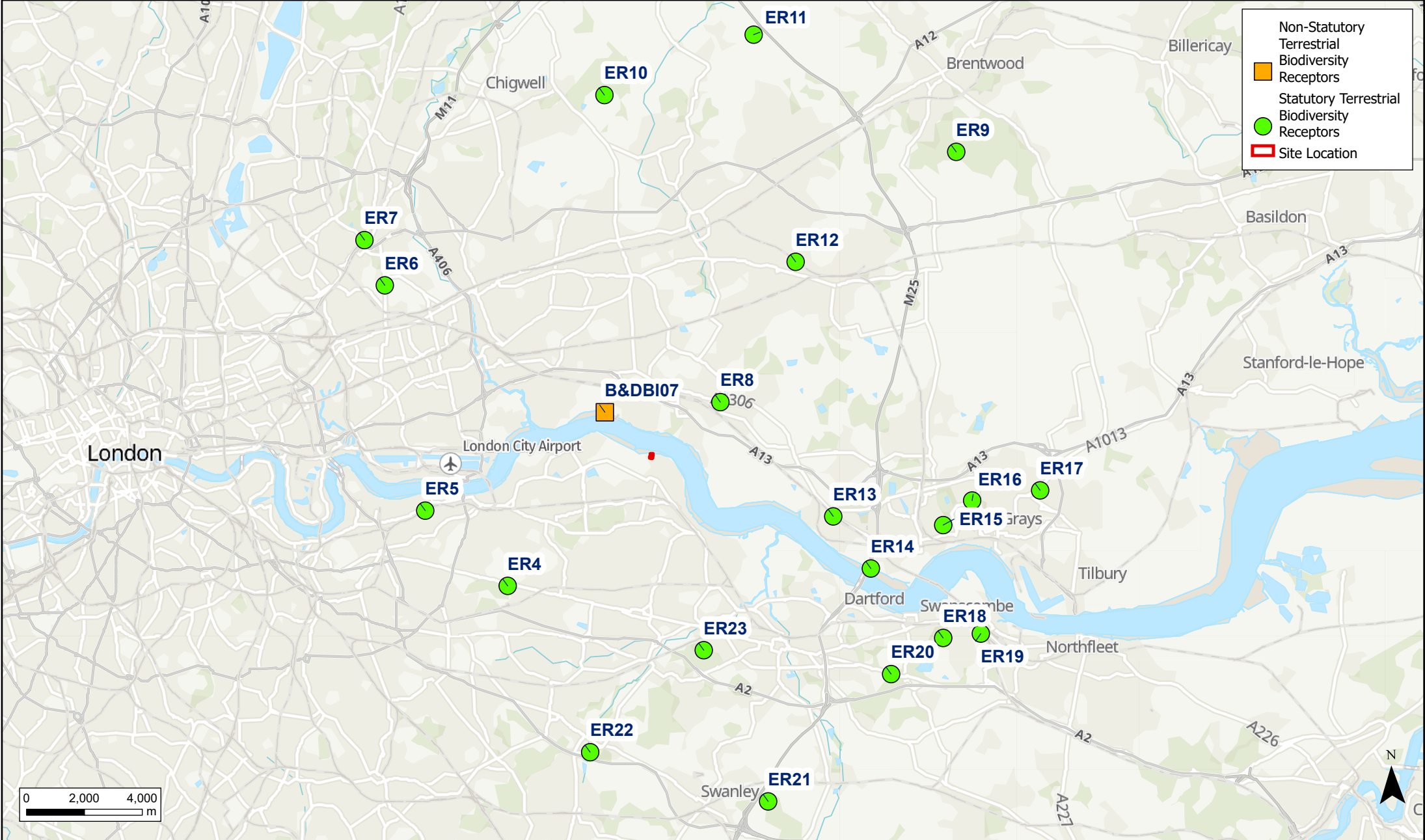












● Non-Statutory Terrestrial Biodiversity Receptors  
■ Receptors  
● Statutory Terrestrial Biodiversity Receptors  
 Site Location



**RIVERSIDE OPTIMISATION PROJECT**  
 Terrestrial Biodiversity Receptors  
 between 2 - 10 km

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1:170,000 @ A4

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Figure 5.4

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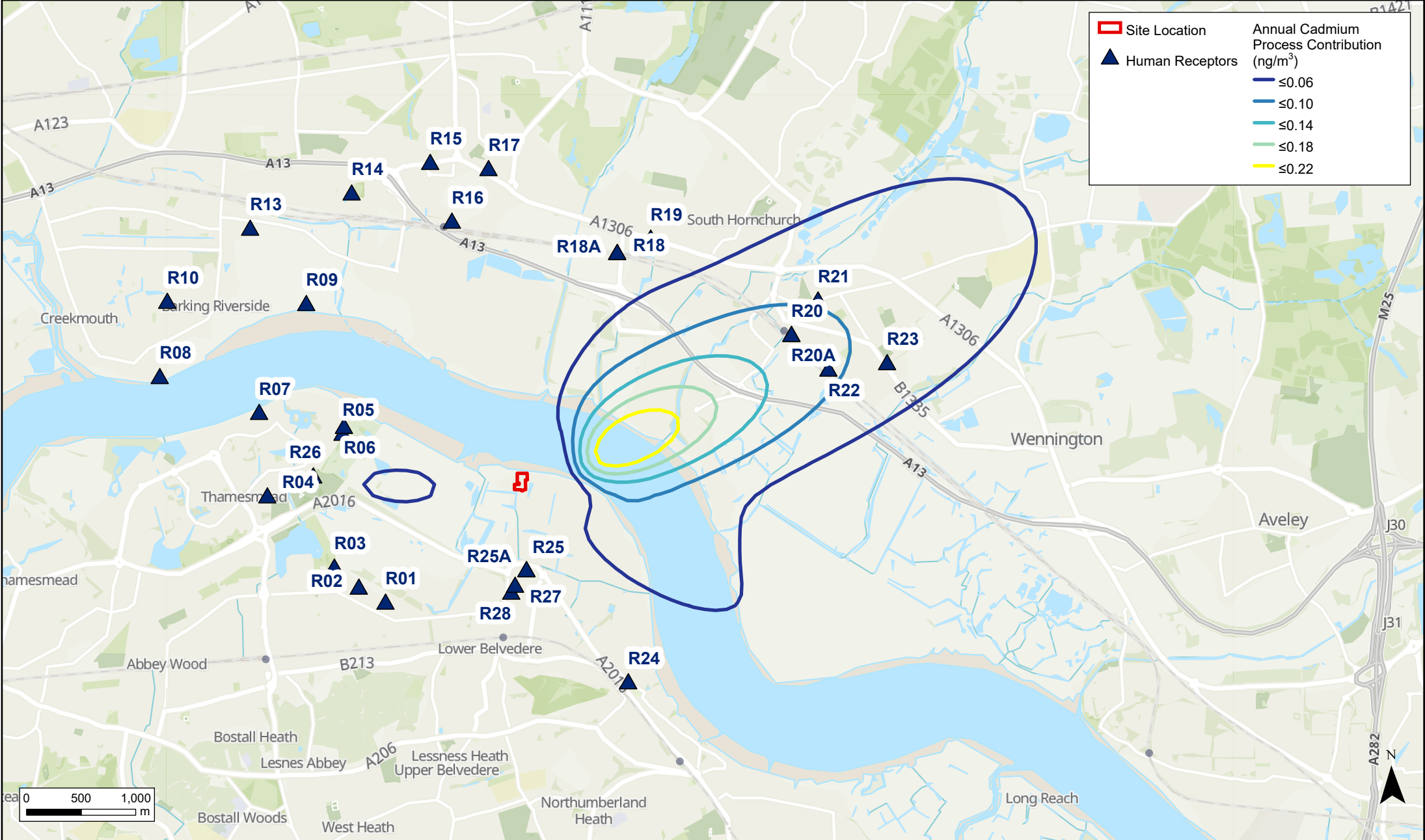












Site Location	Annual Cadmium Process Contribution (ng/m <sup>3</sup> )	
Human Receptors		
		≤0.06
		≤0.10
		≤0.14
	≤0.18	
	≤0.22	



**RIVERSIDE OPTIMISATION PROJECT**  
 Annual Average Cadmium Process Contribution from RRRF Post-ROP

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1:45,000 @ A4  
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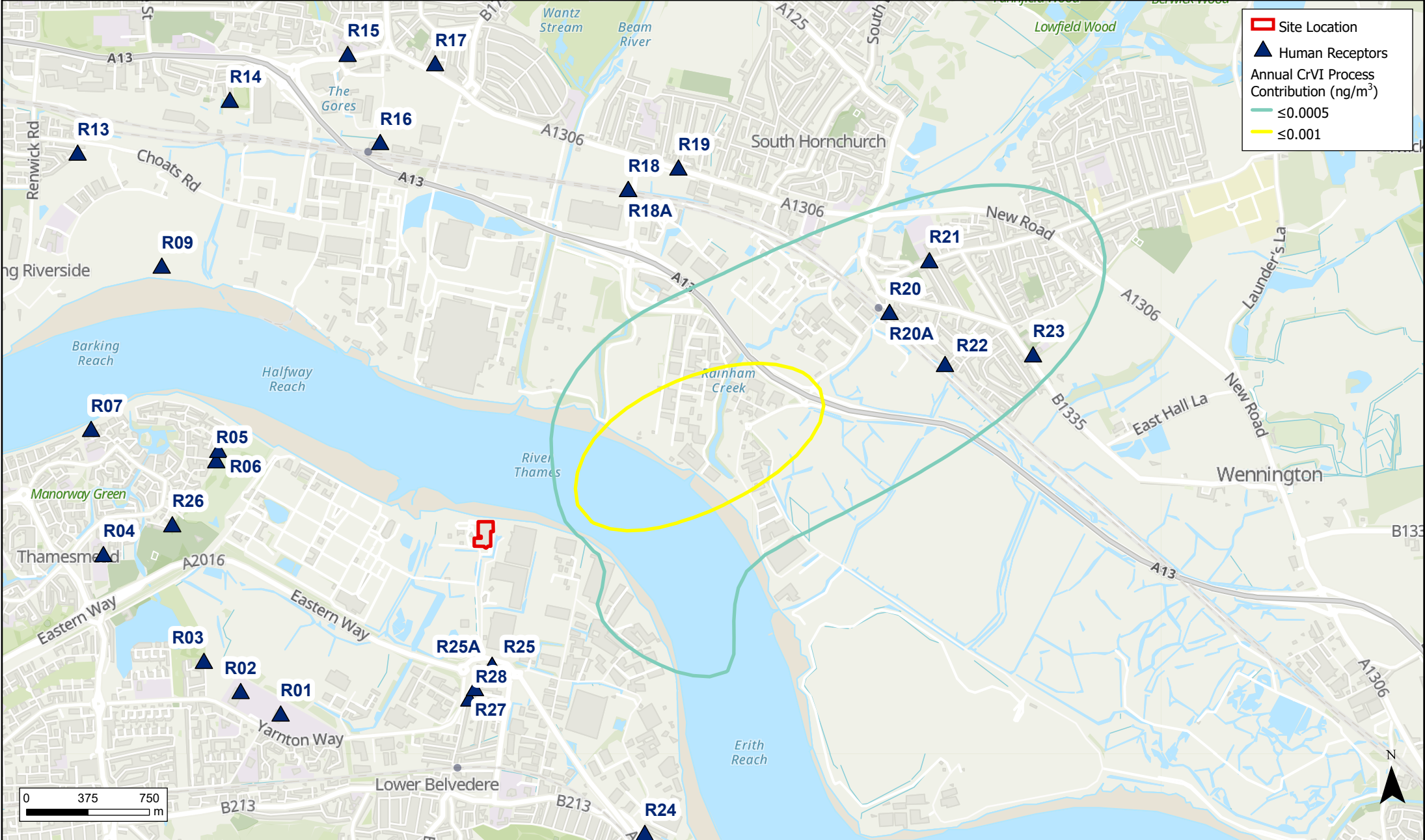
Figure 5.8

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**Site Location**  
 ▲ Human Receptors  
 Annual CrVI Process Contribution (ng/m<sup>3</sup>)  
 — ≤0.0005  
 — ≤0.001



**RIVERSIDE OPTIMISATION PROJECT**  
 Annual Average Chromium (VI) Process Contribution from RRRF Post-ROP

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1:30,000 @ A4	Date: 29/03/2021
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Figure 5.10	Rev B





