

Indaver Rivenhall IWMF DCO

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure)

Regulations 2009

# ENVIRONMENTAL STATEMENT [PINS Ref: EN0101038]

## ES CHAPTER 9: SUMMARY

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Indaver Rivenhall Ltd

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# 9 Summary of Residual Environmental Effects

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## 9.1 Introduction

- 9.1.1 **ES Volume 1, Chapter 7: Climate Change and Greenhouse Gases (Doc Ref. 6.1)** and **ES Volume 1, Chapter 8: Noise and Vibration (Doc Ref. 6.1)** have considered the potential significant effects of the Proposed Development to date. This chapter provides a summary of the identified potential environmental effects.

## 9.2 Environmental Effects and Proposed Mitigation Measures

- 9.2.1 Potential effects have been assessed for the operational phase only. Construction and decommissioning effects are scoped out of this EIA.
- 9.2.2 The residual effects of the Proposed Development are considered to be negligible as there is considered to be no change relative to the Consented Scheme. **ES Volume 1, Chapter 7: Climate Change and Greenhouse Gases (Doc Ref. 6.1)** identified the potential for a negligible beneficial effect on climate, due to the Proposed Development being able to generate more electrical output from the same fuel input (and therefore generating more energy per unit of greenhouse gas emitted), displacing potential energy generation from other higher carbon methods. Noise modelling for the 2025 Operational Scenario with the Proposed Development has been undertaken. This indicates that there are no significant effects.
- 9.2.3 No moderate or major effects have been identified; therefore, the Proposed Development does not give rise to any no significant effects.
- 9.2.4 Table 9.1 provides a summary of the mitigation measures, monitoring requirements and residual effects resulting from the operation of the Proposed Development, as detailed in **ES Volume 1, Chapter 7: Climate Change and Greenhouse Gases (Doc Ref. 6.1)** and **ES Volume 1, Chapter 8: Noise and Vibration (Doc Ref. 6.1)**.
- 9.2.5 Table 9.2 provides a summary of the cumulative effects identified in **ES Volume 1, Chapter 7: Climate Change and Greenhouse Gases (Doc Ref. 6.1)** and **ES Volume 1, Chapter 8: Noise and Vibration (Doc Ref. 6.1)**.

Table 9.1: Summary of Operational Effects

Effect	Receptor (Sensitivity)	Geographic Scale	Temporal Scale	Mitigation and Monitoring	Residual Effect
<i>Climate Change and Greenhouse Gases</i>					
GHG Emissions	N/A	Global, National and Local	Permanent	None required	Negligible Beneficial
<i>Noise</i>					
Operational Noise	High – Night-time	Local	Permanent	Compliance monitoring is required by condition 41 of the IWMF planning permission. The draft DCO makes clear that the IWMF (as amended by the Proposed Development) would continue to be constructed and operated according to the terms of the IWMF planning permission (including condition 41).	Negligible
	Medium – Daytime / Evening				Negligible

Table 9.2: Summary of Cumulative Effects

Effect	Receptor (Sensitivity)	Geographic Scale	Temporal Scale	Mitigation and Monitoring	Residual Effect
<i>Climate Change and Greenhouse Gases</i>					
N/A					
<i>Noise</i>					
Operational Noise	High – Night-time	Local	Permanent	Compliance monitoring is required by condition 41 of the IWMF planning permission. The draft DCO makes clear that the IWMF (as amended by the Proposed Development) would continue to be constructed and operated according to the terms of the IWMF planning permission (including condition 41).	Negligible
	Medium – Daytime / Evening				Negligible

