

Chapter 9: Likely Significant Effects and Conclusions

INTRODUCTION

- 9.1 This chapter of the ES presents a summary of the likely significant environmental effects pertaining to the Proposed Development, during demolition and construction works, and once the Proposed Development is complete and operational.
- 9.2 It should be noted, that for all topics within the ES, effects that are identified as moderate or major are considered to be significant (with effects that are negligible, or minor are not significant).
- 9.3 The purpose of this chapter is to not re-present the residual effects associated with of each of the technical topic assessments. All residual effects, including their associated nature and scale, are presented and summarised as relevant within each technical chapter of the ES, and reference should be made to **ES Volume 1, Chapters 6 and 7**. Instead, this chapter focuses on the likely significant effects that are expected to arise as a result of the redevelopment, in line with the EIA Regulations.

LIKELY SIGNIFICANT EFFECTS OF THE PROPOSED DEVELOPMENT

During Construction

- 9.4 No significant effects have been identified during demolition / construction in respect of the following environmental topic areas which have been the subject of this EIA:
- Air Quality; and
 - Ecology.
- 9.5 Significant effects have been identified as being likely in respect of the following topic areas, and are therefore discussed further:
- Climate Change
- 9.6 In terms of climate change and the impact of the contribution of GHG emissions to the global climate, all GHG emissions are to be determined as significant, IEMA guidance¹ states that 'any GHG emissions or reductions from a project might be considered to be significant' due to the high sensitivity of the receptor (global climate). Any contribution to the environment during the lifecycle stages of the development is considered significant and that opportunities to avoid, reduce or off-set the contribution should be adopted where feasible.

Once the Proposed Development is Complete and Operational

- 9.7 No significant effects have been identified as being likely as a result of the completed and operational Proposed Development in respect of the following environmental topic areas which have been the subject of this EIA:
- Air Quality; and
 - Ecology
- 9.8 Significant effects have been identified as being likely in respect of the following topic areas, and are therefore discussed further:
- Climate Change
- 9.9 As stated above, all GHG emissions are considered to be significant.

¹ IEMA, 2017, 'Assessing Greenhouse Gas Emission and Evaluating their Significance'
(<https://www.iema.net/assets/newbuild/documents/IEMA%20GHG%20in%20EIA%20Guidance%20Document%20V4.pdf>)