

APPENDIX 9.2 IN-COMBINATION CLIMATE CHANGE IMPACT ASSESSMENT

Demolition and Construction Stage

A summary of potential In-Combination Climate Change Impacts (ICCI) and effects during the demolition and construction stage is provided in Table 1. The assessment is based on professional judgment informed by a review of individual technical assessments within the ES

Table 1 Demolition and Construction Stage In-Combination Climate Impacts and Effects

Effect of Proposed Development on Receptors	Existing Design and Mitigation Measures	Climate Change Trend	Potential In-Combination Climate Impact on Individual Technical Effects or Embedded Mitigation	Is there a Significant In-Combination Climate Impact?	Additional Mitigation Required?
Townscape and Visual Impact Assessment					
Potential interactions of climate change with the identified effects are considered to be negligible, based on professional judgement and review of the topic ES chapter.					
N/A	N/A	N/A	Negligible	No significant In-Combination Climate Impact.	No additional mitigation required.
Built Heritage					
Potential interactions of climate change with the identified effects are considered to be negligible, based on professional judgement and review of the topic ES chapter.					
N/A	N/A	N/A	Negligible	No significant In-Combination Climate Impact.	No additional mitigation required.
Ground Conditions					
Contamination of controlled waters within and adjacent to the site due to mobilisation of contaminants or silt-laden surface water	Management measures will be required as part of best practice by the Principal Contractor under the Construction Design Management Regulations and will be incorporated into the Construction Phase Plan, Method Statements and Health and Safety Plans and the Construction Environmental Management Plan (CEMP). Management measures are anticipated to include, but aren't limited to: storing, handling and managing construction materials with due regard to the potential for mobilisation; selection of appropriate piling and	Increased frequency of heavy rainfall events.	Increased frequency of heavy rainfall events could increase mobilisation of contaminants and surface water run-off from site, potentially spreading contamination to controlled waters.	Not significant due to best practice management measures to be implemented.	No additional measures required.

Effect of Proposed Development on Receptors	Existing Design and Mitigation Measures	Climate Change Trend	Potential In-Combination Climate Impact on Individual Technical Effects or Embedded Mitigation	Is there a Significant In-Combination Climate Impact?	Additional Mitigation Required?
run-off from site.	excavation techniques; and preparation of a Remediation Method statement.				

Operational Stage

A summary of potential ICCI and effects during the completed development stage is provided in Table 2. The assessment is based on professional judgment informed by a review of individual technical assessments within the ES.

Table 2 Completed Development Stage In-Combination Climate Impacts and Effects

Effect of Proposed Development on Receptors	Existing Design and Mitigation Measures	Climate Change Trend	Potential In-Combination Climate Impact on Individual Technical Effects or Embedded Mitigation	Is there a Significant In-Combination Climate Impact?	Additional Mitigation Required?
Townscape and Visual Impact Assessment					
Potential interactions of climate change with the identified effects are considered to be negligible, based on professional judgement and review of the topic ES chapter.					
N/A	N/A	N/A	Negligible	No significant In-Combination Climate Impact.	No additional mitigation required.
Built Heritage					
Potential interactions of climate change with the identified effects are considered to be negligible, based on professional judgement and review of the topic ES chapter.					
N/A	N/A	N/A	Negligible	No significant In-Combination Climate Impact.	No additional mitigation required.
Ground Conditions					
Potential interactions of climate change with the identified effects are considered to be negligible, based on professional judgement and review of the topic ES chapter.					
N/A	N/A	N/A	Negligible	No significant In-Combination Climate Impact.	No additional mitigation required.