



Appendix 1.1 Location of Specified Information in the ES

Specified Information in Part 1 of the EIA regulations		Location within the ES
4(2)	The EIA must identify, describe and assess in an appropriate manner, in light of each individual case, the direct and indirect significant effects of the proposed development on the following factors –	
4(2)(a)	Population and Human Health	A Socio-Economic Assessment is provided in Chapter 11: Socio-Economics . A Human Health assessment has been provided in Chapter 9: Human Health .
4(2)(b)	Biodiversity, with particular attention to species and habitats protected under <u>Directive 92/43/EEC</u> and <u>Directive 2009/147/EC</u>	Ecology and Biodiversity have been considered at EIA scoping stage, relevant receptors determined not likely to experience significant environmental effects, and the topic has been subsequently scoped out of the ES with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion. See Chapter 6: Construction Methodology
4(2)(c)	Land, soil, water, air and climate	A Climate Change Assessment is provided in Chapter 7: Climate Change. Agricultural Land, Ground Conditions and Contamination, Water Environment and Flood Risk, and Air Quality have been considered at EIA scoping stage, relevant receptors determined not likely to experience significant

		environmental effects, and these topics has been subsequently scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion. See Chapter 1: Introduction and Chapter 6: Construction Methodology.
4(2)(d)	Material assets, cultural heritage and the landscape	Assessment of Townscape and Visual Impact is provided in Chapter 10: TVIA and associated appendices. Assessment of Built Heritage is provided in Chapter 8: Built Heritage and associated appendix. Archaeology has been considered at EIA scoping stage, relevant receptors deemed not likely to experience a significant environmental effect, and the topic has been subsequently scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion.
4(2)(e)	The interaction between the factors referred to in sub-paragraph (a) to (d)	See Chapter 14: Residual Impacts and Chapter 15: Interaction of Effects. See all technical Chapters 7 to 13.
4(3)	The effects referred to in paragraph (2) on the factors set out in that paragraph must include the operational effects of the proposed development, where the proposed development will have operational effects.	See technical Chapters 7 to 13 which outline the operational effects of the Proposed Development. Likewise, a Summary of Residual Effects is provided within all technical chapters (Chapters 7 to 13) and Chapter 14: Residual Impacts and Chapter 15: Interaction of Effects.

4(4)	The significant effects to be identified, described and assessed under paragraph (2) include the expected significant effects arising from the vulnerability of the proposed development to major accidents and disasters that are relevant to that development.	Major Accidents and Disasters has been considered at EIA scoping stage, relevant receptors determined not likely to experience significant environmental effects, and the topic has been scoped out of the EIA with agreement from MCC. See Appendix 1.3: Scoping Report and Appendix 1.4: MCC Scoping Opinion.
4(5)	The relevant planning authority or the Secretary of State must ensure that they have, or have access as necessary to, sufficient expertise to examine the environmental statement.	
18(3)	An environmental statement is a statement which includes at least—	
18(3)(a)	a description of the proposed development comprising information on the site, design, size and other relevant features of the development;	See Chapter 1: Introduction, Chapter 2: Site and Surroundings, and Chapter 3 Proposed Development.
18(3)(b)	a description of the likely significant effects of the proposed development on the environment;	See all technical Chapters 7 to 13 and Chapter 14: Residual Impacts.
18(3)(c)	a description of any features of the proposed development, or measures envisaged in order to avoid, prevent or reduce and, if possible, offset likely significant adverse effects on the environment;	See Chapter 3: Proposed Development, Chapter 6: Construction Methodology, and all technical Chapters 7 to 13
18(3)(d)	a description of the reasonable alternatives studied by the developer, which are relevant to the proposed development and its specific characteristics, and an indication of the main reasons for the option chosen, taking into account the effects of the development on the environment;	See Chapter 4: Alternatives
18(3)(e)	a non-technical summary of the information referred to in sub-paragraphs (a) to (d); and	Volume III: Non-Technical Summary.
18(3)(f)	any additional information specified in Schedule 4 relevant to the specific characteristics of the particular development or type of development and to the environmental features likely to be significantly affected.	See below
18(4)	An environmental statement must—	
18(4)(a)	where a scoping opinion or direction has been issued in accordance with regulation 15 or 16, be based on the most recent scoping opinion or direction issued (so far as the proposed	See Chapter 1: Introduction, and Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion.

	development remains materially the same as the proposed development which was subject to that opinion or direction);	
18(4)(b)	include the information reasonably required for reaching a reasoned conclusion on the significant effects of the development on the environment, taking into account current knowledge and methods of assessment; and	See technical Chapters 7 to 13
18(4)(c)	be prepared, taking into account the results of any relevant UK environmental assessment, which are reasonably available to the person preparing the environmental statement, with a view to avoiding duplication of assessment.	See technical Chapters 7 to 13
18(5)	In order to ensure the completeness and quality of the environmental statement—	
18(5)(a)	the developer must ensure that the environmental statement is prepared by competent experts; and	The competencies of the authors are stated in the technical Chapters 7 - 13
18(5)(b)	the environmental statement must be accompanied by a statement from the developer outlining the relevant expertise or qualifications of such experts.	The competencies of the authors are stated in the technical Chapters 7 - 13
Schedule 4 of the EIA Regulations		
1	A description of the development, including in particular:	
(a)	A description of the location of the development;	See Chapter 2: Description of the Site and Surroundings.
(b)	A description of the physical characteristics of the whole development, including, where relevant, requisite demolition works, and the land-use requirements during the construction and operational phases;	See Chapter 3: Proposed Development, Chapter 4: Alternatives and Chapter 6: Construction Methodology.
(c)	A description of the main characteristics of the operational phase of the development (in particular any production process) for instance, energy demand and energy used, nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used;	Descriptions of the main characteristics on energy and sustainability, water environment and flood risk, utilities and air quality are outlined in Chapter 6: Construction Methodology.
(d)	An estimate, by type and quantity, of expected residues and emissions (such as water, air, soil and subsoil pollution, noise, vibration, light, heat, radiation) and quantities and types of waste produced during the construction and operation phases;	Flood risk and drainage strategy, utilities, energy, sustainability and climate change, waste and servicing, dust, air quality and noise and vibration are outlined in Chapter 6: Construction Methodology. Agricultural Land, Ground Conditions and Contamination, Water Environment and Flood Risk, Air Quality, Noise and Vibration and (site) waste have

		been considered at EIA scoping stage, relevant receptors determined not likely to experience significant environmental effects, and the topics have been subsequently scoped out of the EIA with agreement from MCC. See Appendix 1.3: Scoping Report and Appendix 1.4: MCC Scoping Opinion.
2	A description of the reasonable alternatives (for example in terms of development design, technology, location, size and scale) studied by the developer, which are relevant to the proposed project and its specific characteristics, and an indication of the main reasons for selecting the chose option, including a comparison of the environmental effects.	Chapter 4: Alternatives.
3	A description of the relevant aspects of the current state of the environment (baseline scenario) and an outline of the likely evolution thereof without implementation of the development as far as natural changes from the baseline scenario can be assessed with reasonable effort based on the availability of environmental information and scientific knowledge.	Baseline conditions and magnitude of change (impact) are outlined in Chapter 2: Description of the Site and Surroundings and Technical Chapters 7 to 13.
4	A description of the factors specified in regulation 4(2) likely to be significantly affected by the development: population, human health, biodiversity (for example flora and fauna), land (for example land take), soil (for example organic matter, erosion, compaction, sealing), water (for example hydromorphological changes, quantity, quality) air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape.	Land contamination and ground conditions, Ecology and Biodiversity, Flood Risk and Water Environment have been considered at EIA scoping stage, relevant receptors determined not likely to experience significant environmental effects, and these topics have been subsequently scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion. See Chapter 1: Introduction and Chapter 6: Construction Methodology. A Socio-Economic Assessment is provided in Chapter 11: Socio-Economics. A Human Health assessment has been provided in Chapter 9: Human Health.

		Assessment of Townscape and Visual Impact is provided in Chapter 10: TVIA and associated appendices. Assessment of Built Heritage is provided in Chapter 8: Built Heritage and associated appendix. Assessment of Climate Change is provided in Chapter 7: Climate Change.
5	A description of the likely significant effects of the development on the environment resulting from, inter alia:	Technical Chapters 7 to 13. See Chapter 14: Residual Impacts and Chapter 15: Interaction of Effects.
(a)	The construction and existence of the development, including, where relevant, demolition works;	Chapter 6: Construction Methodology and Technical Chapters 7 to 13 .
(b)	The use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;	Land and contamination, Ecology and Biodiversity, and Water Environment and Flood Risk have been considered at the EIA scoping stage, relevant receptors determined not likely to experience significant environmental effects and these topics have been subsequently scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion. Information on sustainability, energy and climate change, waste and servicing, utilities, flood risk and water environment, dust and air quality are outlined in Chapter 6: Construction Methodology.
(c)	The emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recover of waste;	Information on waste, utilities, construction traffic, air quality, dust and noise and vibration are outlined in Chapter 6: Construction Methodology. Air quality and noise and vibration have been considered

		at the EIA scoping stage, relevant receptors determined not likely to experience significant environmental effects and these topics have been subsequently scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion. Also see Chapter 1: Introduction of the ES. See Chapter 14: Residual Impacts and Chapter 15: Interaction of Effects.
(d)	The risks to human health, cultural heritage or the environment (for example due to accidents or disasters);	Assessment of Built Heritage is provided in Chapter 8: Built Heritage and associated appendix. Assessment of Human Health is provided in Chapter 9: Human Health and associated appendices. See Chapter 14: Residual Impacts and Chapter 15: Interaction of Effects. Major Accidents and Disasters have been scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion.
(e)	The cumulative of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources;	See Technical Chapters 7 to 13. See Chapter 14: Residual Impacts and Chapter 15: Interaction of Effects.
(f)	The impact of the project on climate (for example the nature and magnitude of greenhouse gas emissions) and the vulnerability of the project to climate change;	Assessment of Climate Change is provided in Chapter 7: Climate Change and associated appendix. Major Accidents and Disasters have been scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report

		and Appendix 1.4 MCC Scoping Opinion.
(g)	The technologies and the substances used.	Chapter 6: Construction Methodology
6	A description of the forecasting methods or evidence, used to identify and assess the significant effects on the environment, including details of difficulties (for example technical deficiencies or lack of knowledge) encountered compiling the required information and the main uncertainties involved.	Chapter 1: Introduction and Chapter 5: EIA Methodology. Technical Chapters 7 to 13.
7	A description of the measures envisaged to avoid, prevent, reduce, or if possible, offset any identified significant effects on the environment, including details of difficulties (for example technical deficiencies or lack of knowledge) encountered compiling the required information and the main uncertainties involved.	Technical Chapters 7 to 13 See Chapter 14: Residual Impacts and Chapter 15: Interaction of Effects.
8	A description of the expected significant adverse effects of the development on the environment deriving from the vulnerability of the development to risks of major accidents and/or disasters that are relevant to the project concerned.	Major Accidents and Disasters has been scoped out of the EIA with agreement from MCC. See Appendix 1.3 Scoping Report and Appendix 1.4 MCC Scoping Opinion. Technical Chapters 7 to 13.
9	A non-technical summary of the information is provided under paragraphs 1 to 8.	Volume III: Non-Technical Summary.
10	A reference list detailing the sources used for the descriptions and assessments is included in the Environmental Statement.	All ES Chapters include footnotes. The competency of the authors are stated in the technical Chapters 7 - 13 of the ES.