



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	Population Assessment provided within Chapter 13: Socio Economics .
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>	See Chapter 9: Ecology (and associated appendices).
4(2)(c)	Land, soil, water, air and climate	See Chapter 6: Air Quality (and associated appendices). Also see Chapter 16: Water Environment and Flood Risk (and associated appendices). Also see Chapter 10: Climate Change and Greenhouse Gases (and associated appendices). Also see Chapter 14: Soils and Agricultural Land (and associated appendices).
4(2)(d)	Material assets, Cultural Heritage and the landscape	See Chapter 11: Landscape and Visual Amenity (and associated appendices). Also see Chapter 7: Archaeology (and associated appendices). Also see Chapter 8: Built Heritage (and associated appendices). Also see Chapter 3: Utilities and Construction .
4(2)(e)	The interaction between the factors referred to in sub-paragraphs (a) to (d)	See Chapter 17: Cumulative Effects . Also see Chapter 18: Residual Effects, Mitigation and Monitoring .

Specified Information in Part 1 of the EIA regulations		Location within the ES
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 Chapters 6 to 16 and Appendices (Volume II) , which outline the operational effects and likely residual effects of the Proposed Development.
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 have been considered at EIA scoping stage, relevant receptors have been determined not likely to experience significant environmental effects, and the topic has been subsequently scoped out of the EIA with agreement from North Hertfordshire District Council. See Appendix 1.2: Scoping Report and Appendix 1.3: North Hertfordshire District Council EIA 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.	

Specified Information in Schedule 4 of EIA Regulations		Location within the Es
1	Description of the development, including in particular:	
(a)	A description of the location of the development;	See Chapter 2: Description of the Site, Surroundings and Background.
(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: Utilities and Construction. Also see Chapter 4: Description of Development.
(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;	See Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development. Also see Chapter 5: Alternatives. Also see Chapters 6 to 16 and Appendices (Volume II).
(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 operational phases;	See Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development. Also see Chapter 6: Air Quality (and associated appendices). Also see Chapter 12: Noise and Vibration (and associated appendices). Also see Chapter 10: Climate Change, GHG Emissions and Sustainability (and associated appendices). Also see Chapter 14: Soils and Agricultural Land (and associated appendices).
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 chosen option, including a comparison of the environmental effects;	See Chapter 5: Alternatives. Also see Chapters 6 to 16 and Appendices (Volume II).
3	A description of the relevant aspects of the current state of the environment (baseline	See Chapter 2: Description of the Site, Surroundings and Background.

	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;	Also see Chapters 6 to 16 and Appendices (Volume II) .
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;	See Chapter 1: Introduction and EIA Methodology outlines which topics have been scoped out of the ES, in agreement with North Hertfordshire District Council. Also see Chapters 6 to 16 and Appendices (Volume II). Also see Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development.
5	A description of the likely significant effects of the development on the environment resulting from, inter alia;	See Chapter 17: Cumulative Effects. Also see Chapter 18: Residual Effects, Mitigation and Monitoring. Also see Chapters 6 to 16 and Appendices (Volume II).
(a)	The construction and existence of the development, including, where relevant, demolition works;	See Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development. Also see Chapters 6 to 16 and Appendices (Volume II). Also see Chapter 17: Cumulative Effects. Also see Chapter 18: Residual Effects, Mitigation and Monitoring.
(b)	The use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;	See Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development. Also see Chapters 6 to 16 and Appendices (Volume II).
(c)	The emission of pollutants, noise, vibration, light, heat and radiation, the creation of	See Chapter 3: Utilities and Construction .

	nuisances, and the disposal and recovery of waste;	Also see Chapter 4: Description of Development. Chapter 6: Air Quality. Chapter 12: Noise and Vibration. Waste and Ground Conditions and Contamination has been considered at EIA scoping stage, relevant receptors have been determined not likely to experience significant environmental effects, and the topic has been subsequently scoped out of the EIA with agreement from North Hertfordshire District Council. See Appendix 1.2: Scoping Report and Appendix 1.3: North Hertfordshire District Council EIA Scoping Opinion
(d)	The risks to human health, cultural heritage or the environment (for example due to accidents or disasters)	See Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development. Also see Chapter 13: Socio-economics (and associated appendices). Also see Chapter 7: Archaeology (and associated appendices). Also see Chapter 9: Built Heritage (and associated appendices). Also see Chapter 17: Cumulative Effects. Also see Chapter 18: Residual Effects, Mitigation and Monitoring. Vulnerability to Major Accidents and Disasters have been considered at EIA scoping stage, relevant receptors have been determined not likely to experience significant environmental effects, and the topic has been subsequently scoped out of the EIA with agreement from North Hertfordshire District Council. See Appendix 1.2: Scoping Report and Appendix 1.3: North Hertfordshire District Council EIA Scoping Opinion
(e)	The cumulative of effects with other existing and/or approved projects, taking into account	See Chapter 17: Cumulative Effects.

	any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources;	Also see Chapter 18: Residual Effects, Mitigation and Monitoring. Also see Chapters 6 to 16 (and associated appendices).
(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;	See Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development. Also see Chapter 10: Climate Change and Greenhouse Gases.
(g)	The technologies and the substances used.	See Chapter 3: Utilities and Construction. Also see Chapter 4: Description of Development. Also see Chapters 6 to 16 (and associated appendices).
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.	See Chapter 1: Introduction and EIA Methodology Also see Chapters 6 to 16 (and associated appendices).
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.	See Chapter 1: Introduction and EIA Methodology Also see Chapters 6 to 16 (and associated appendices). Also see Chapter 17: Cumulative Effects. Also see Chapter 18: Residual Effects, Mitigation and Monitoring.
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.	See Chapter 1: Introduction and EIA Methodology. Also see Chapters 6 to 16 (and associated appendices). Also see Chapter 17: Cumulative Effects. Also see Chapter 18: Residual Effects, Mitigation and Monitoring. Vulnerability to Major Accidents and Disasters have been considered at EIA

		scoping stage, relevant receptors have been determined not likely to experience significant environmental effects, and the topic has been subsequently scoped out of the EIA with agreement from North Hertfordshire District Council. See Appendix 1.2: Scoping Report and Appendix 1.3: North Hertfordshire District Council EIA Scoping Opinion
9	A non-technical summary of the information is provided under paragraphs 1 to 8.	See 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 as footnotes.