

## Appendix 1.1: Required information, as specified by EIA Regulations, and its location within the ES

| Regulation 18                                                                                                                                                                                                                        | Schedule 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Location within this ES                                                                                                                                                                                     |
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| <p>(3) an environmental statement is a statement which includes at least -</p> <p>(a) a description of the proposed development comprising information on the site, design, size and other relevant features of the development.</p> | <p>(1) a description of the development including in particular:</p> <p>(a) a description of the location of the development;</p> <p>(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 stages;</p> <p>(c) a description of the main characteristics of the operational phase of the development (in particular any production processes), for instance, energy demand and energy used, nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used; and</p> <p>(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.</p> | <p><b>Chapter 3: Site Context, Chapter 4: Development Specification: Project for Assessment; Chapter 5: Development Specification: Proposed Scheme; and Technical Chapters 7 – 18</b> where applicable.</p> |

| Regulation 18                                                                                           | Schedule 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Location within this ES                                                                                     |
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| (3) (b) a description of the likely significant effects of the proposed development on the environment. | <p>(5) a description of the likely significant effects of the development on the environment resulting from, inter alia:</p> <p>(a) the construction and existence of the development, including, where relevant, demolition works;</p> <p>(b) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;</p> <p>(c) the emissions of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances and the disposal and recovery of waste;</p> <p>(d) the risk to human health, cultural heritage or the environment (for example due to accidents or disasters);</p> <p>(e) the cumulation 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;</p> <p>(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; and</p> <p>(g) the technologies and the substances used.</p> | <b>Technical Chapters 7 – 18</b> where applicable and <b>Chapter 19: Assessment of Cumulative Effects</b> . |

| Regulation 18                                                                                                                                                                                                        | Schedule 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Location within this ES                                                                                                                                                                                                                 |
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|                                                                                                                                                                                                                      | <p>The description of the likely significant effects on the factors specified in regulation 4(2) should cover the direct effects and any indirect, secondary, cumulative, transboundary, short-term, medium-term and long-term, permanent and temporary, positive and negative effects of the development. This description should take into account the environmental protection objectives established at Union level (as they had effect immediately before exit day) or United Kingdom level which are relevant to the project, including in particular those established under the law of any part of the United Kingdom that implemented Council Directive 92/43/EEC<sup>1</sup> and Directive 2009/147/EC<sup>2</sup>.</p> |                                                                                                                                                                                                                                         |
| <p>(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.</p> | <p>(7) a description of the measures envisaged to avoid, prevent, reduce or, if possible, offset any identified significant adverse effects on the environment and, where appropriate, of any proposed monitoring arrangements (for example the preparation of a post-project analysis). That description should explain the extent, to which significant adverse effects on the environment are avoided, prevented, reduced or offset, and should cover both the construction and operational stages.</p>                                                                                                                                                                                                                        | <p><b>Chapter 4: Development Specification: Project for Assessment; Chapter 5: Development Specification: Proposed Scheme; Technical Chapters 7 – 18</b> where applicable; and <b>Chapter 19: Assessment of Cumulative Effects.</b></p> |
| <p>(3) (d) a description of the reasonable alternatives studied by the developer, which are relevant to the proposed</p>                                                                                             | <p>(2) a description of the reasonable alternatives (for example in terms of development design, technology, location, size and scale) studied by the</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>Chapter 6: Consideration of Alternatives.</b></p>                                                                                                                                                                                 |

| Regulation 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Schedule 4                                                                                                                                                                                                          | Location within this ES                                                         |
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| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 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. |                                                                                 |
| (3) (e) a non-technical summary of the information referred to in sub-paragraph (a) to (d).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (9) a non-technical summary of the information provided under paragraphs 1 to 8.                                                                                                                                    | <b>Volume 4: Non-Technical Summary.</b>                                         |
| <p>(4) an environmental statement must —</p> <p>(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 development remains materially the same as the proposed development which was subject to that opinion or direction);</p> <p>(b) include the information reasonably required for reaching a reasoned conclusion of the significant effects of the development on the environment, taking into account current knowledge and methods of assessment; and</p> <p>(c) be prepared, taking into account the results of any relevant UK environmental assessment, which are reasonably available to the person preparing the</p> | -                                                                                                                                                                                                                   | <b>Chapter 2: Approach to EIA and Technical Chapters 7 – 18</b> where relevant. |

| Regulation 18                                                                                                                                             | Schedule 4                                                                                                                                                                                                                                                                                                                                                                         | Location within this ES                                                                                                        |
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| environmental statement, with a view to avoiding duplication of assessment.                                                                               |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                |
| (5) in order to ensure the completeness and quality of the environmental statement –                                                                      |                                                                                                                                                                                                                                                                                                                                                                                    | <b>Chapter 1: Introduction</b> and Appendix 2.2: Schedule of EIA Competence of the EIA Scoping Report ( <b>Appendix 2.1</b> ). |
| (a) the developer must ensure that the environmental statement is prepared by competent experts; and                                                      |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                |
| (b) the environmental statement must be accompanied by a statement from the developer outlining the relevant expertise or qualifications of such experts. |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                |
| -                                                                                                                                                         | (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 on the basis of the availability of environmental information and scientific knowledge. | <b>Chapter 3: Site Context</b> and <b>Technical Chapters 7 – 18</b> .                                                          |
| -                                                                                                                                                         | (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 fauna and flora), land (for example land take), soil (for example organic matter, erosion, compaction, sealing), water (for example hydromorphological changes, quantity and quality),                   | <b>Chapter 2: Approach to EIA</b> and <b>Technical Chapters 7 – 18</b> .                                                       |

| Regulation 18 | Schedule 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Location within this ES                                                                                                                                                                       |
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|               | air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                               |
| -             | (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 new required information and the main uncertainties involved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Chapter 2: Approach to EIA and Technical Chapters 7 – 18.</b>                                                                                                                              |
| -             | (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 which are relevant to the project concerned. Relevant information available and obtained through risk assessments pursuant to retained EU law such as any law that implemented Directive 2012/18/EU of the European Parliament and of the Council <sup>3</sup> or Council Directive 2009/71/Euratom or UK environmental assessments may be used for this purpose provided that the requirements of any law that implemented this Directive <sup>4</sup> are met. Where appropriate, this description should include measures envisaged to prevent or mitigate the significant adverse effects of such events on the environment and the details of preparedness for and proposed response to such emergencies. | <b>Chapter 2: Approach to EIA; Technical Chapters 7 – 18; Chapter 20: Summary: Project for Assessment; Chapter 21: Summary: Proposed Scheme; and Volume 3: Environmental Management Plan.</b> |

| Regulation 18 | Schedule 4                                                                                                                    | Location within this ES                                            |
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|               | (10) a reference list detailing the sources used for the descriptions and assessment included in the environmental statement. | <b>Chapters 1 – 21</b> , provided as endnotes within each Chapter. |

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## References

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<sup>1</sup> The Council of the European Communities, Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora;

<sup>2</sup> The European Parliament and the Council of the European Union, Directive 2009/147/EC of the European Parliament and of the Council of 30 November 2009 on the conservation of wild birds;

<sup>3</sup> The European Parliament and the Council of the European Union, Directive 2012/18/EU of the European Parliament and of the Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC Text with EEA relevance;

<sup>4</sup> The Council of the European Union, COUNCIL DIRECTIVE 2009/71/EURATOM of 25 June 2009 establishing a Community framework for the nuclear safety of nuclear installations