



# Environmental Minimum Requirements

## General Principles

### CR/HB/EMR/0001

Custodian

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## Environmental Minimum Requirements – General Principles

### 1. Introduction

- 1.1 The original Environmental Statement for Crossrail was published in February 2005. It has been supplemented by a number of additional volumes as further information has become available, and in the light of proposed changes to the project<sup>1</sup>. It is the intention of the Secretary of State to carry out the project so that its impact is as assessed in the Environmental Statement (ES). The Secretary of State will require the nominated undertaker to adhere to the arrangements provided for in the Environmental Minimum Requirements in designing and constructing the Crossrail Works.
- 1.2 This document presents the text of the relevant minimum requirements, which are referred to as the Environmental Minimum Requirements (EMR). It also contains as Annexes a series of papers which support the EMR, including the Construction Code, the Environmental Memorandum and the Planning and Heritage Memorandum.
- 1.3 The controls contained in the EMR along with powers contained in the Act and the Undertakings given by the Secretary of State will ensure that impacts which have been assessed in the ES will not be exceeded, unless any new impact or impacts in excess of those assessed in the ES:
- results from a change in circumstances which was not likely at the time of the ES<sup>2</sup>; or
  - would not be likely to be environmentally significant<sup>3</sup>; or
  - results from a change or extension to the project, where that change or extension does not itself require environmental impact assessment under either (i) article 4(1) of and paragraph 22 of Annex 1 to the EIA Directive<sup>4</sup>; or (ii) article 4(2) of and paragraph 13 of Annex 2 to the EIA Directive<sup>5</sup>; or
  - would be considered as part of a separate consent process (and therefore further EIA if required).
- 1.4 Any nominated undertaker will be contractually bound to comply with the controls set out in the EMR and as may be developed during the passage of the Act through Parliament.

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<sup>1</sup> Supplementary Environmental Statements were published in May 2005, January 2006, November 2006 and May 2007. In addition Environmental Statements have been published for each of the four sets of Additional Provisions tabled by the Promoter in January 2006, May 2006, November 2006 (Erratum published Jan 2007) and May 2007.

<sup>2</sup> i.e. a situation that could not reasonably have been anticipated at the time of the ES.

<sup>3</sup> This covers all effects (both positive and adverse) where those effects are simply of no environmental significance.

<sup>4</sup> Directive 85/337/EEC as amended by 97/11/EC and 2003/35/EC

<sup>5</sup> Broadly, this would not allow those changes or extensions to the project (once it has received Royal Assent) which would give rise to adverse environmental effects within the EIA directive (unless they fell within the fourth bullet point and were subject to a separate consent process).

- 1.5 The nominated undertaker will in any event, and apart from the controls and obligations referred to in paragraph 1.3, use reasonable endeavours to adopt mitigation measures that will further reduce any adverse environmental impacts caused by Crossrail, insofar as these mitigation measures do not add unreasonable costs to the project or unreasonable delays to the construction programme.
- 1.6 In addition, where a statutory undertaker is carrying out development in connection with Crossrail for which it has planning permission because that development has been assessed in the ES, it will be required to comply with the controls set out in the undertakings and assurances referred to in paragraph 3.4 and documents contained in the Annexes, in so far as they are relevant and properly applicable to the undertaker. References to the nominated undertaker in those documents should be interpreted as references to the relevant statutory undertaker in such cases.

## **2. Definitions**

- 2.1 It should be noted that the term 'impact' is used in the title of the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999 to describe the environmental outcome arising from a project, while the main body of the text of the Regulations refers to the term 'effect'. The EMR takes these two terms to have the same meaning. For consistency, the term used throughout the EMR is 'impact'.

- 2.2 In this document the following terms shall have the meanings ascribed to them for the purpose of understanding the Environmental Minimum Requirements:

“Construction Code” means the series of objectives and measures to be applied generally throughout the construction period to maintain satisfactory levels of environmental protection and limit disturbance from construction activities, which is set out in Annex 1;

“Crossrail” means the railway that runs between the termini at Heathrow, Maidenhead, Shenfield, and Abbey Wood;

“Crossrail Works” means works in relation to the design, construction, commissioning and completion of Crossrail authorised by the Crossrail Act;

“Environmental Management System” means the management system to be developed by the nominated undertaker pursuant to Annex 3;

“Environmental Memorandum” means the memorandum relating to the environmental aspects of the design and construction of the Crossrail Works, which is set out in Annex 3;

“Environmental Statement” (ES) means the Crossrail Environmental Statement submitted in February 2005 together with all subsequent additional or supplementary volumes and errata corrections<sup>6</sup>.

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<sup>6</sup> See footnote 1 for a complete list

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“Crossrail Act” means the Parliamentary Act in respect of the Crossrail scheme given Royal Assent on .....

“Nominated Undertaker” means the organisation or organisations which will be appointed by the Secretary of State to design, construct, operate and maintain Crossrail;

“Planning and Heritage Memorandum” means the memorandum setting out undertakings given by the local authorities with respect to the handling of planning and heritage matters for the Crossrail Works arising under Schedule 7 to the Crossrail Act which is set out in Annex 2; and

“Secretary of State” means the Secretary of State for Transport.

### **3. Environmental Minimum Requirements**

3.1 “Environmental Minimum Requirements” means the requirements:

- i) of the memoranda and agreements referred to in paragraph 3.2;
- ii) of the undertakings and assurances referred to in paragraph 3.4; and
- iii) set out in paragraphs 1.5 and 3.6 to 3.10.

3.2 The nominated undertaker shall comply with and, where required to do so by the Secretary of State, shall at such time and within such period as may be reasonably required by the Secretary of State execute and deliver memoranda and agreements on planning, heritage and related matters, in the form reasonably required by the Secretary of State, including but not limited to the Planning and Heritage Memorandum, listed building agreements and overarching archaeological written scheme of investigation.

3.3 The nominated undertaker shall comply with all undertakings and assurances as specified by paragraph 3.4 and those undertakings or assurances shall take priority over the remainder of the Environmental Minimum Requirements to the extent of any inconsistency.

3.4 The nominated undertaker shall comply with all undertakings and assurances concerning the project specified in the “Crossrail Register of Undertakings and Assurances” published by the Department for Transport or as otherwise notified to the nominated undertaker.

3.5 The nominated undertaker shall also execute and deliver to the relevant party the deeds or agreements required by those undertakings or assurances. Those deeds and agreements must be delivered and executed in the form and at the time specified in the relevant assurance or undertaking or, if no form or time is specified, as reasonably required by the Secretary of State.

3.6 Where the nominated undertaker has agreed with the beneficial recipient of an undertaking or assurance referred to in paragraph 3.4 to amend, change, waive or in any way alter the terms of that undertaking or assurance, the nominated undertaker shall notify, if relevant, the local authority of the geographical area to which the undertaking or assurance relates of the new agreed terms of that undertaking or assurance, and shall comply with the new agreed terms of that undertaking or assurance. However, the nominated

undertaker is not to amend, change, waive or in any way alter the terms of a specific undertaking given by the Secretary of State to Parliament.

- 3.7 The nominated undertaker shall build Crossrail on the lands defined in the Crossrail Act. This does not preclude the nominated undertaker from building peripheral facilities on other land provided that the necessary approvals are obtained using the normal procedures.
- 3.8 In the circumstances described in the first bullet point of paragraph 1.3, if the significant adverse impacts identified in the ES are likely to be exceeded, the nominated undertaker will take all reasonable steps to minimise or eliminate those additional impacts.
- 3.9 The nominated undertaker shall adopt and implement the Construction Code, which is set out in Annex 1. The nominated undertaker shall develop and implement the Environmental Management Plans envisaged by the Construction Code.
- 3.10 The nominated undertaker shall adopt and implement the Environmental Memorandum which is set out in Annex 3. The nominated undertaker shall develop and implement an Environmental Management System, in accordance with the requirements of the Environmental Memorandum, for ensuring compliance with the nominated undertaker's environmental policy, with relevant environmental legislation, and with all the Environmental Minimum Requirements other than non-environmental aspects of undertakings and assurances. The Environmental Management System covering construction is to be developed and implemented before construction begins.
- 3.11 Where there are references to issues being agreed in the Construction Code, Planning and Heritage Memorandum and Environmental Memorandum, that agreement shall not be unreasonably withheld and any dispute or difference arising between the parties shall be referred to and determined by the Secretary of State.

#### **4. Annexes**

- 4.1 The following documents, which are referred to in the Environmental Minimum Requirements, are attached as Annexes:

Annex 1:	Construction Code
Annex 2:	Planning and Heritage Memorandum
Annex 3:	Environmental Memorandum