



Gatwick Airport Northern Runway Project

Response to the Examining Authority's Written Questions
(ExQ2) – Resource and Waste Management

Book 10

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1 Response to the Examining Authority’s Written Questions – Resource and Waste Management

1.1.1 The below table sets out the Applicant’s response to the Examining Authority’s Written Questions relating to Resource and Waste Management.

ExQ1 Question to: Question:		
RESOURCE AND WASTE MANAGEMENT		
RES.2.1	Applicant	<p>Site Waste Management Plan</p> <p>In relation to R30 of the dDCO [REP5-005] and the Construction Resources and Waste Management Plan (CRWMP) [REP4-009], the Applicant is asked the following:</p> <ul style="list-style-type: none"> a) R30 appears to refer to a singular Site Waste Management Plan (SWMP) that is to be submitted to WSCC and SCC, whereas the CRWMP [REP4-009] states that SWMPs will be prepared for each project area. Would there be an overall SWMP submitted for approval or a SWMP for each project area? b) The CRWMP states that the SWMPs will be internal documents but will be made available to the relevant planning authority for information during the construction process on request. Should this be updated to reflect that the SWMP is subject to approval? c) It is clear from Annex A of the CRWMP that the SWMP, specifically the information in Table A5. 1 (Waste Management Data Sheet), would be updated through the construction period as a live document. Can the Applicant confirm which parts of the Annex A SWMP template would be included in the SWMP that will be submitted for approval? d) Given that, until the quantity of types of waste are known, it cannot be confirmed if the capacity of the local waste management infrastructure is sufficient to manage waste from the Project. Should the

		<p>CRWMP and/ or R30 of the dDCO include wording to make it clear that the SWMP needs to include an assessment of the capacity of the local waste management infrastructure?</p> <p>DCO Requirement 30 has been updated in the draft DCO (Doc Ref. 2.1 v9) to reflect the responses below. The Applicant's responses to the ExA questions are as follows:</p> <p>a) The DCO Requirement has been updated to state that prior to commencement of construction in any defined area of the site, a Site Waste Management Plan (SWMP) for that area will be submitted to and approved in writing by the relevant waste authority. A SWMP will be prepared for each area as part of developing the detailed design for the works in that area. It will include the information required in sections A.1 (waste minimisation), A.2 (waste forecasts), A.3 (waste estimates) and A.4 (existing local waste management facilities) of ES Appendix 5.3.2: Code of Construction Practice Annex 5 – Construction Resources and Waste Management (Doc Ref. 5.3 v3) in that particular area. Due to the detailed nature of this information, it is expected that the information will come forward in stages through the construction of the authorised development and therefore, the Applicant expects that multiple SWMPs will be submitted.</p> <p>b) ES Appendix 5.3.2: Code of Construction Practice Annex 5 – Construction Resources and Waste Management Plan (Doc Ref. 5.3 v3) and the Code of Construction Practice (Doc Ref. 5.3 v4) have been updated to clarify that part of the SWMPs is for approval and part is for record keeping and information. The information that would be included in the SWMPs submitted to the relevant waste authority for approval is sections A.1 (waste minimisation), A.2 (waste forecasts) and A.3 (waste estimates) and A.4 (existing local waste management facilities) of the SWMP template as described in the Applicant's response to RES2.1 c) below. During the construction process, GAL and the Principle Contractor(s) will prepare waste processing reports at least every 6 months, these will include the information required by section A.5 of the SWMP template in Annex A to the CRWMP. The waste processing reports will be made available to the relevant waste authority for information purposes. Section A.5 will follow the form set out in Section A.5 of Annex A to the CRWMP and will: identify the types and quantities of waste is re-used or recycled on-site. Where waste is managed off-site, Section</p>
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		<p>A.5 will identify the waste carrier, the name of the facility where the waste is taken to and how the waste will be managed.</p> <p>c) The SWMPs that will be submitted to the relevant waste authority for approval under DCO Requirement 30 will include sections A.1 (waste minimisation), A.2 (waste forecasts) A.3 (waste estimates) and A4 (existing local waste management facilities) of Annex A (the SWMP Template) to ES Appendix 5.3.2: Code of Construction Practice Annex 5 – Construction Resources and Waste Management Plan (Doc Ref. 5.3 v3). The scope of these sections is set out below:</p> <ul style="list-style-type: none"> i. Section A.1: a description of the steps and measures taken during the detailed design phase of the area to which the SWMP relates to avoid waste and to divert waste from landfill. These measures will include consideration of opportunities to re-use materials, procure waste efficient materials, and use construction techniques to avoid waste (e.g. offsite construction). ii. Section A.2: forecasts the key waste types and quantities that will be generated from the demolition and/or construction of buildings/structures within the area to which the SWMP relates and the percentage target for waste to be re-used or recycled. This section demonstrates how waste has been considered. iii. Section A.3: provides a more detailed waste forecast of the how the wastes from the area to which the SWMP relates will be managed according to different management techniques. iv. Section A.4: provides a description of the local waste facilities with types of waste accepted. <p>The purpose of providing this information for approval is to demonstrate to the waste authority how the design process has minimised waste and forecast the types and quantities of construction waste that will be generated for each area and the reuse/recycling targets for these wastes.</p> <p>d) An update on the local waste management infrastructure capacity will be set out in section A.4 of each SWMP submitted for approval by the relevant waste authority. The commitment to identify the local waste management infrastructure for the each SWMP submitted for approval by the relevant waste</p>
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		authority is included in ES Appendix 5.3.2: Code of Construction Practice Annex 5 – Construction Resources and Waste Management (Doc Ref. 5.3 v3) at Deadline 7.
RES.2.2	Applicant	<p>Effects of transportation of waste</p> <p>The Waste Management Signposting Document submitted at D6 [REP6-017] describes how the effects associated with the transportation of waste have been considered within other topic areas.</p> <p>The Applicant is asked how the effects of transportation of waste can have been considered in the assessments under other topic areas when the quantity of different waste types, and therefore amount of associated transportation of waste, is not yet known?</p>
		<p>A conservative approach has been used to develop the assumption that around 60% of the construction vehicles used for moving materials onto the site are expected to then be used for the movement of waste from the site.</p> <p>The Applicant has taken a conservative estimate of the earthworks material to consider the effects on transportation; as explained in the Response to Rule 17 Letter Waste Management Assessment [REP5-070] a significant proportion of earthworks material will not be suitable for reuse on site and therefore require removal from the site. The earthworks design is at an early concept stage which will be reviewed, revised, and finalised post ground investigation works which will allow for more design maturity and more defined quantities.</p> <p>With regards to other wastes, the waste minimisation measures set out in the CRWMP will result in the amount of waste being generated being significantly reduced and bespoke measures in Section A.1 of each SWMP will reduce this further. Nonetheless the Applicant has taken a conservative approach to estimating the level of waste that is not earthworks material and this is incorporated into the assumed 60% above. During construction, the amount of waste removed from the site will be recorded and monitored using Section A.5 of Annex 1 ES Appendix 5.3.2: Code of Construction Practice Annex 5 – Construction Resources and Waste Management [REP4-009].</p>

