

7.1 INTRODUCTION

In the course of preparing the ES and this EIA Report a number of measures have been identified to mitigate and manage the predicted impacts of the Proposed Development. The mitigation measures have been committed to by the Company and can be viewed as integral parts of the Proposed Development. This chapter summarises the mitigation and management measures specific to this EIA Report (i.e. measures relevant to the updated assessments of air quality and ecology and, to some extent, landscape and visual effects during operation) and outlines how the measures will be delivered.

All other mitigation, management and monitoring measures, including all construction mitigation measures and the Construction Environmental Management Plan (CEMP) are presented in the Consented Development ES (see *Annex D*) and remain valid for the Proposed Development. Prior to construction commencing a detailed CEMP will be prepared to satisfy a planning condition for the Consented Development, this will comprise annexes of additional documents to be prepared to address the planning conditions, including such matters as a remediation strategy, water vole mitigation plan, construction phase air and noise monitoring plan and landscaping and conservation plan. These documents will encompass all necessary mitigation as detailed within the ES and will be developed in consultation with the relevant statutory consultees and North Lincolnshire Council. It is anticipated that these documents will then apply directly to the Proposed Development.

It should be noted that in the course of appointing a construction contractor such matters as detailed working methods and procedures will also be developed which will in turn add more detail to the mitigation. It should be further noted that in the course of obtaining an Environmental Permit to operate the Proposed Development greater detail will be developed on such matters as mitigation, pollution control and monitoring for compliance.

At this stage the mitigation and management measures committed to by the Company provide the basis for the EIA. The impacts predicted and significance of effects as assessed assume the implementation of the measures described.

7.2 MITIGATION SUMMARY

Compared with the ES, this assessment has not identified additional impacts or larger impacts such that the Proposed Development requires additional or substantially different mitigation from that presented for the Consented Development and which formed the basis for the consent conditions attached to its approval by the Secretary of State.

Table 7.1 summarises certain mitigation measures that are worth reiterating based on this EIA Report. For the full context of the mitigation the source

chapters (i.e. Chapters 6 to 13 and the summary in Chapter 15 of the Consented Development ES (see *Annex D*) and *Chapters 4* and *5* of this EIA Report) should be consulted.

7.3 ***MITIGATION DELIVERY***

As noted above, the ES, consent conditions and the EIA Report together set out the mitigation measures that the Company is committed to implementing. Based on the findings of this EIA Report the conditions attached to the approval of the Consented Development should be equally applicable to the Proposed Development.

During construction, the Company will deliver on the commitments it has made with the help of a Construction Environmental Management Plan (CEMP) (an outline of which is presented in Annex K of the Consented Development ES (see *Annex D*)). The CEMP will be a living document and will continue to be developed as the Proposed Development proceeds through the detailed design and construction phases, to reflect the results of any discussions with the statutory consultees and others as well as to include details of the conditions imposed by the DBEIS. The appointed construction contractor will also have input to development of the CEMP and all works will be required to comply with its provisions.

The Project will be operated in accordance with the provisions to be contained within the Environmental Permit to be obtained from the Environment Agency.

Table 7.1 Summary of Mitigation

Technical Topic	Key Potential Impacts	Mitigation	Mechanism for Delivery of Mitigation
Operation			
Ecology	Air quality impacts on local wildlife sites (e.g. Three Rivers LWS and the Keadby Wet Grassland LWS) cumulatively with Keadby I.	Supporting management of the LWSs and SNCI through working with GLNP to manage and monitor sites.	Consultation and agreement with Lincolnshire Wildlife Trust and North Lincolnshire Council
Air quality	Air quality impacts (mainly from nitrogen oxide emissions) with potential effects on people, flora and fauna.	Meeting of emission limits by design, consideration of best available technique and monitoring in accordance with Environmental Permit requirements.	Design and Operational Monitoring Plan
Landscape and Visual Impact	Visual impact of the Proposed Development	Perimeter planting to help screen the lower aspects of the Proposed Development and generally soften views.	Landscape masterplan