



23 SUMMARY OF RESIDUAL EFFECTS

23.1 Residual Effects

23.1.1 A crucial part of the EIA process is to assess the significance of the effects following implementation of proposed mitigation measures, otherwise known as ‘residual effects’.

23.1.2 A description of the measures envisaged to avoid, prevent, reduce or, if possible, offset any identified significant adverse effects, i.e. the mitigation measures, has been set out within each technical chapter (6 – 22). The implementation of these measures has been used to reduce impacts to the lowest practicable level consistent with the overall objectives of the Proposed Development. Any residual effects, either during the construction or operational period, or in the long-term, are then identified and the significance of these residual impacts is assessed within each technical chapter.

23.1.3 Following the implementation of the mitigation measures outlined within each technical chapter, most residual environmental effects have been assessed as being not significant, as summarised within Table 23.1. Further details are provided within the relevant technical chapter.

Table 23.1: Summary of Significant Residual Effects		
Technical Chapter	Significant Residual Effects?	
	Construction Effects	Operational Effects
Landscape and Visual	No	No
Noise	No	No
Historic Environment	No	No
Ground Conditions	No	No
Ecology	No	No
Ornithology	No	No
Soils and Agriculture	No	No
Transport	Yes (Moderate Adverse)	No
Climate Change	No	No
Electro-magnetic Interference	No	No
Aviation	No	No
Glint	No	No
Shadow Flicker	No	No
Water Resources	No	No
Socio-Economics	Yes (Moderate beneficial)	Yes (Moderate beneficial)



Human Health	Yes (Moderate Beneficial)	No
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Residual Construction Effects – Adverse

Transport

The Transport assessment (Chapter 14) has identified a moderate adverse residual effect with regard to users of the Public Rights of Way during the construction phase.

The assessment has also identified moderate adverse residual effects relating to Abnormal Indivisible Loads traffic, although recognising that this will depend on details of the access strategy and the Delivery Management Plan being in place.

Residual Construction Effects – Beneficial

Socio-economics

- 23.1.4 The Socio-economics assessment (Chapter 21) has identified significant beneficial residual effects during the construction phase on employment, in terms of construction jobs created and increase in contributions to the local economy.

Human Health

- 23.1.5 The Human Health assessment (Chapter 22) has identified moderate beneficial residual effects with regard to increased use of local services, through implementation of the Local Employment Plan and Community Development Plan.

Residual Operational Effects – Beneficial

Socio-Economics

The Socio-economics assessment (Chapter 21) has identified significant beneficial residual effects in terms of increased energy security.