

M20 Junction 10a

TR010006

Appendix 15.3 Assessment of Combined Effects

APFP Regulation 5(2)(q)

Revision A

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure)

Regulations 2009



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1. Combined Effects for the Main and Alternative Schemes

Table 1.1 Combined Residual Construction Phase Effects of the Main Scheme and the Alternative Scheme

Receptor	Topic Area										Significance of Combined Effects
	Air Quality	Cultural Heritage	Landscape	Geology and Soils	Nature Conservation	Materials	Noise and Vibration	Effects on All Travellers*	Community and Private Assets**	Road Drainage and the Water Environment	
Geology and Soils	-	-	-	Slight Adverse	-	-	-	-	Slight Adverse	Neutral	Slight Adverse
Landscape / Townscape	-	Slight Adverse	Slight Adverse	-	Slight Adverse	-	-	-	-	-	Slight Adverse
Cultural Features	-	Moderate to Slight Adverse	Slight Adverse	-	-	-	-	-	-	-	Slight to Moderate Adverse
Communities	Not Significant Adverse	-	Moderate Adverse	-	-	-	Not Significant Adverse	Slight Adverse	Moderate Adverse	-	Moderate Adverse
Vehicle Travellers	-	-	-	-	-	-	-	Slight Adverse	-	-	Slight Adverse
Water Environment	-	-	-	Slight Adverse	Slight Adverse	-	-	-	-	Neutral	Slight Adverse
Ecology	-	-	-	-	Slight Adverse	-	-	-	-	Neutral	Slight Adverse
Material resources	-	-	-	Slight Adverse	-	Slight Adverse	-	-	-	-	Slight Adverse
Overall Significance of Combined Effects during Construction for the Main Scheme and the Alternative Scheme (On Balance)											Slight to Moderate Adverse
<p>* For Chapter 12 Effects on All Travellers, Volume 6.1, effects assessed for driver stress are included within the receptor 'vehicle travellers' row, and effects assessed for Non-Motorised Users are included within the receptor 'communities' row.</p> <p>** For Chapter 13 Community and Private Assets, Volume 6.1, effects assessed for agricultural land are included within the receptor 'geology and soils' row, and effects assessed for private property and land take, community land, development land, community severance and economic development are included under the 'communities' receptor row.</p>											

Table 1.2 Combined Residual Operational Effects for the Main Scheme and the Alternative Scheme

Receptor	Topic Area										Significance of Combined Effects
	Air Quality	Cultural Heritage	Landscape	Geology and Soils	Nature Conservation	Materials	Noise and Vibration	Effects on All Travellers*	Community and Private Assets**	Road Drainage and the Water Environment	
Geology and Soils	-	-	-	Neutral	-	Not assessed during operation	-	-	Slight Adverse	-	Slight Adverse
Landscape	-	Slight Adverse	Slight Adverse (Year 1) Neutral (Year 15)	-	Neutral***	Not assessed during operation	-	-	-	-	Slight Adverse (Year 1) Neutral (Year 15)
Cultural Features	-	Slight Adverse	Slight Adverse	-	-	Not assessed during operation	-	-	-	-	Slight Adverse
Communities	Not Significant Adverse	-	Moderate Adverse (Year 1) Slight Adverse (Year 15)	-	-	Not assessed during operation	Not Significant Beneficial	Neutral	Slight to Moderate Beneficial	Slight Beneficial	Neutral (Year 1) Slight Beneficial (Year 15)
Vehicle Travellers	-	-	-	-	-	Not assessed during operation	-	Neutral	-	-	Neutral
Water Environment	-	-	-	Neutral	Neutral	Not assessed during operation	-	-	-	Neutral	Neutral
Ecology	Not Significant Adverse	-	-	Neutral	Neutral***	Not assessed during operation	-	-	-	Neutral	Neutral
Material resources	-	-	-	-	-	Not assessed during operation	-	-	-	-	Not assessed
Overall Significance of Combined Effects during Operation for the Main Scheme and the Alternative Scheme (On Balance)											Slight Adverse (Year 1) Neutral (Year 15)
<p>* For Chapter 12 Effects on All Travellers, Volume 6.1, effects assessed for driver stress are included within the receptor 'vehicle travellers' row, and effects assessed for Non-Motorised Users are included within the receptor 'communities' row.</p> <p>** For Chapter 13 Community and Private Assets, Volume 6.1, effects assessed for agricultural land are included within the receptor 'geology and soils' row, and effects assessed for private property and land take, community land, development land, community severance and economic development are included under the 'communities' receptor row.</p> <p>***Ecological effects are anticipated to improve overtime as enhancement measures establish and mature.</p>											