

# Appendix I – Environmental Comparison of Options

Assessment Area		2007 Pref. Route	Option 12	Option 16
Air Quality	Construction / Operation Impact	Low	Low	No
	Regional Emissions	No	No	No
Cultural Heritage	Unknown Sub-Surface Archaeology	Uncertain	Uncertain	Uncertain
	Designated Built Heritage	No	No	No
	Historic Agricultural Landscape	Low	High	High
Landscape	Agricultural Landscape	No	High	Low
	Residential Fringe Landscape	No	Low	No
	Industrial Fringe Landscape	Low	No	Low
	Mixed Use Landscape	No	No	No
	Visual Effects	High	High	High
Nature Conservation	Designated Sites	No	No	No
	Habitats	Low	Low	Low
	European Protected Species (Badger and Bats)	Uncertain	Uncertain	Uncertain
	Birds	Low	Low	Low
Geology and Soil	Designated Sites	No	No	No
	Superficial and Bedrock Geology	Low	Low	Low
	ALC - Grade 2	No	Low	No
	ALC - Grade 3A	Low	Low	Low
	ALC - Grade 3B	Low	Uncertain	Uncertain
	ALC - Grade 5U	Low	No	Low
	Contaminated Land	Uncertain	Uncertain	Uncertain

Assessment Area		2007 Pref. Route	Option 12	Option 16
Materials and Waste	Materials	Low	Low	Low
	CD&E Waste	Low	Low	Low
	Hazardous Waste	Uncertain	Uncertain	Uncertain
Noise	Operational Impact	High	High	High
People and Communities	NMUs and Users of Local Roads	Uncertain	Uncertain	Uncertain
	Vehicle Travellers	No	No	No
	Land Use - Residential / Private Property	Low	Low	Low
	Land Use - Commercial and Industrial Land	Low	Uncertain	Low
	Land Use - Agricultural, Community and	Low	Uncertain	Uncertain
Road Drainage and the Water Environment	Designated Areas / Loss or Change to NIEA	No	No	No
	Groundwater Pollution from Accidental Spillage	No	No	No
	Surface Water Impact	Uncertain	Uncertain	Uncertain
	Groundwater Impact	Uncertain	Uncertain	Uncertain
	Other Potential Impacts	Low	Low	Low