

17 SUMMARY

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17.1 Summary of proposed additional mitigation and residual effects

- 17.1.1 The preceding ES chapters 5 to 14 assessed in detail the likely significant effects of the Proposed Development during the construction and operational phases. This chapter presents a high-level summary of the significant residual effects.
- 17.1.2 The construction phase impacts, potential effects, proposed additional mitigation and residual effects are summarised in **Table 17.1**. The operational phase impacts, potential effects, proposed additional mitigation and residual effects are summarised in **Table 17.2**. Any additional proposed mitigation to be secured by planning condition and likely significant effects (either adverse or beneficial) are identified in these tables in **bold** text.
- 17.1.3 The residual effects for **Chapter 15: Major accidents and disasters** were reported to be non-significant, however this assessment uses a risk-based criteria, and considers events that have a low likelihood and high magnitude effects, which if unmitigated would potentially result in significant effects. The assessment criteria used in this assessment is not directly comparable with how residual effects are reported for other environmental factors. Additionally, due to the low likelihood of these events occurring, the assessment outcomes cannot be directly compared with the outcomes for the other environmental factor assessment. Therefore, the major accidents and disasters effects are not reported in the tables below.

Table 17.1 Summary of construction phase proposed additional mitigation residual effects

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
Landscape and visual (ES Chapter 5)	LCA 1: Margam Marsh	Direct short-term effects on the site and host LCA, during construction	Moderate-minor adverse	No additional mitigation proposed	Moderate-minor (not significant)
	LCA 50: Port Talbot Docks and Margam Works	Direct short-term effects on the site host LCA, during construction	Minor adverse	No additional mitigation proposed	Minor (not significant)
	LCA 3 Margam Country Park	Indirect short-term effects to the LCA, during construction	Minor adverse	No additional mitigation proposed	Minor (not significant)
	LCA 6: Mynydd Bromil, Mynydd Emroch & Mynydd Dinas	Indirect short-term effects to the LCA, during construction	Moderate-minor adverse	No additional mitigation proposed	Moderate-minor (not significant)
	Longland Lane/PRoW 5/92.PT/3	Short-term effects arising from views during construction for walkers on the path	Moderate adverse	No additional mitigation proposed	Moderate (significant)
	People living in or visiting the area of Broomhill.	Short-term effects arising from views during construction from Broomhill.	Minor-negligible adverse	No additional mitigation proposed	Minor-Negligible (not significant)
	M4 Motorway	Short-term effects arising from views during construction for drivers and passengers on the M4	Minor adverse	No additional mitigation proposed	Minor (not significant)
	Wales Coast Path	Short-term effects arising from views during construction for walkers on the path	Moderate adverse	No additional mitigation proposed	Moderate (not significant)
	Ogwr Ridgeway/Glamorgan Ridgeway	Short-term effects arising from views during construction for walkers on the path	Minor adverse	No additional mitigation proposed	Minor (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	Margam Park	Short-term effects arising from views during construction for recreational park users	Minor adverse	No additional mitigation proposed	Minor (not significant)
	Kenfig National Nature Reserve	Short-term effects arising from views during construction for recreational users of the reserve	Minor-negligible adverse	No additional mitigation proposed	Minor-Negligible (not significant)
	Bro Stone at the Pulpit Viewpoint	Short-term effects arising from views during construction for recreational park users	Minor adverse	No additional mitigation proposed	Minor (not significant)
	Cairn at Foel Fynyaddau	Short-term effects arising from views during construction for walkers and visitors	Minor-negligible adverse	No additional mitigation proposed	Minor-Negligible (not significant)
	SLA 4: Margam	Indirect short-term effects to the SLA, during construction	Minor adverse	No additional mitigation proposed	Minor (not significant)
Air quality (ES Chapter 6)	Dust soiling, human health and ecological (Margam Moors) receptors	Dust emissions from onsite activities including demolition, earthworks, construction and trackout	Negligible (short-term Minor adverse)	No additional mitigation proposed	Negligible/minor (not significant)
	Human health and ecological receptors	Vehicle and industrial emissions: Human health: changes to annual mean NO ₂ , PM ₁₀ , PM _{2.5} , and CO concentrations Ecological: changes to NH ₃ and SO ₂ concentrations	Negligible or beneficial	No additional mitigation proposed	Negligible/beneficial (not significant)
Noise and vibration (ES Chapter 7)	Residential Receptors	Construction noise	Minor adverse	No additional mitigation proposed	Minor (not significant)
	SSSI Receptors	Construction noise	Negligible	No additional mitigation proposed	Negligible (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	Residential Receptors	Construction vibration	Negligible	No additional mitigation proposed	Negligible (not significant)
	Residential Receptors	Road traffic noise	Negligible	No additional mitigation proposed	Negligible (not significant)
Biodiversity (ES Chapter 8)	Internationally and nationally designated sites (Statutory designations)	Disturbance noise, lighting, human activity, diffuse pollution and changes to air quality	Indirect, long-term, permanent beneficial	No additional mitigation proposed	Indirect, long-term, permanent beneficial (not significant)
	Locally designated sites (SINCs) (non-statutory designations)	Disturbance noise, lighting, human activity, and diffuse pollution	Temporary, short-term, minor, adverse effect	Precautionary working method statement Monitoring of water quality	Indirect, short-term, temporary adverse effect (not significant)
	Locally designated sites (SINCs) (non-statutory designations)	Change to air quality	Temporary, short-term, minor, adverse effect	No additional mitigation proposed	Indirect, short-term, temporary adverse effect (not significant)
	Coastal floodplain grazing marsh	Loss of habitat	Direct, short-term, temporary adverse	Retain habitat where possible Restoration and enhancement Net Biodiversity Benefit proposals	Direct, long-term, permanent (significant beneficial at county level)
	Open mosaic habitat	Loss of habitat	Direct, long-term, permanent adverse	Retain habitat where possible Restoration where impacts are temporary Creation of bunds using existing spoil from the Site	Direct, long-term, permanent (significant beneficial at county level)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
				Net Biodiversity Benefit proposals	
	Other habitats	Loss of habitat	Direct, short-term, temporary adverse	Retain habitat where possible 6m buffer along watercourses Restoration where impacts are temporary Net Biodiversity Benefit proposals	Direct, long-term, permanent (significant beneficial at local level)
	Invertebrates	Habitat loss and alteration, disturbance noise and human activity	Direct, short-term, temporary adverse	Net Biodiversity Benefit proposals	Direct, long-term, permanent (significant beneficial at regional level)
	Fish	Habitat loss and alteration, disturbance noise and human activity	Direct, short-term, temporary adverse	Supervision of works within lagoon Precautionary working method statement Net Biodiversity Benefit proposals Drainage proposals	Direct, long-term, permanent (significant beneficial at local level)
	Badger	Disturbance Loss foraging habitat	Indirect, short-term, temporary adverse	Supervision of works within 30 m of sett	Indirect, short-term, temporary adverse (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	Reptiles	Habitat loss and alteration, disturbance noise and human activity	Direct, long-term, permanent adverse	Precautionary working method statement Net Biodiversity Benefit proposals	Direct, short-term, temporary adverse (not significant)
	Breeding Birds	Habitat loss and alteration, disturbance noise and human activity	Direct, long-term, permanent adverse	Precautionary working method statement Work outside of breeding season where possible Net Biodiversity Benefit proposals	Direct, long-term, permanent (significant beneficial at district level)
	Wintering Birds	Habitat alteration, disturbance noise and human activity	Direct, short-term, temporary adverse	Precautionary working method statement Net Biodiversity Benefit proposals	Direct, long-term, permanent (significant beneficial at district level)
	Bats	Loss foraging habitat and disturbance from lighting	Direct, short-term, permanent adverse	Lighting strategy No night time working Net Biodiversity Benefit proposals	Indirect, short-term, temporary adverse (not significant)
	Invasive non-native Species	Spreading	Direct, long-term, permanent adverse	Precautionary working method statement	Direct, long-term, permanent (significant beneficial at local level)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
Surface water, flood risk and Drainage (ES Chapter 9)	<i>Surface water quality</i>				
	Swansea Bay WFD Waterbody.	Direct, temporary, short-term impacts on surface water quality	Negligible/ minor adverse	No additional mitigation is proposed	Negligible/ minor adverse (not significant)
	Ordinary watercourses Margam Moors SSSI	Direct, temporary, short-term impacts on surface water quality	Negligible/ minor adverse	No additional mitigation is proposed	Negligible/ minor adverse (not significant)
	NRW Main Rivers - Nant Ffrwd Wyllt, Afon Cynffig (Kenfig), Afon Afan, Port Talbot Docks.	In-direct, temporary, short-term impacts on surface water quality	Negligible adverse	No additional mitigation is proposed	Negligible adverse (not significant)
	Ordinary watercourses on site	Direct, temporary, short-term impacts on surface water quality	Negligible adverse	No additional mitigation is proposed	Negligible adverse (not significant)
	<i>Groundwater quality</i>				
	WFD Groundwater Body Swansea Carboniferous Coal Measures	In-direct, temporary, short-term impacts on groundwater quality	Negligible adverse	No additional mitigation is proposed	Negligible adverse (not significant)
	<i>Water resources</i>				
	Nant Ffrwdwyllt, Afon Cynffig (Kenfig), Port Talbot docks, Afon Afan, Mothers Ditch, Eglwys Nunydd Reservoir, Nant Ffrwdwyllt	Direct, temporary, short-term impacts on water resources	Negligible	No additional mitigation is proposed	Negligible (not significant)
	<i>Flood risk</i>				
	Less vulnerable development (on-site industrial development)	Direct, temporary, short-term impacts on flood risk	Negligible adverse	No additional mitigation is proposed	Negligible adverse (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
Land, soil and groundwater (ES Chapter 10)	Geological units	Mobilisation of existing contamination during construction groundworks and other activities. Incorrect storage or handling of fuels, materials, etc. leading to physical mixing with natural geological units. Piled foundations creating mixing / pollution pathways.	Minor adverse	No additional mitigation is proposed	Minor (not-significant)
	Peat	Excavation or exposure of peat during construction (e.g. changes in ground level or piling) causing release of stored carbon.	Minor adverse	No additional mitigation is proposed	Minor (not-significant)
	Mineral resources	Potential disturbance of legacy coal reserves during works (if present)	Minor adverse	No additional mitigation is proposed	Minor (not-significant)
	Soil resources	Removal of topsoil resulting in potential mobilisation of known and unknown contamination, potential mobilisation / mixing of unknown contamination in made ground and incorrect storage or handling of fuels, materials, oil or chemicals.	Minor adverse	No additional mitigation is proposed	Minor (not-significant)
	Hydrogeology	Potential to allow downward migration of mobile pollutants from the shallow deposits to the bedrock during piling or other groundworks. Potential for shallow ground water to fill excavations through	Minor adverse	No additional mitigation is proposed	Minor (not-significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
		seepages. If contaminated, could be difficult to dispose of or be hazardous. Removal of existing structures and hardstanding resulting in short-term increase in infiltration and leaching through potentially contaminated soils or former buried structures exposed during Site clearance and the early phases of construction.			
Cultural heritage (ES Chapter 11)	Morfa Colliery (421174), Morfa Colliery Gas Works (710277), and Theodrics Grange (20041)	Permanent damage or destruction by construction groundworks and other activities	Minor adverse	Utilisation of temporary fencing to prevent accidental damage or encroachment	Neutral (not-significant)
	Discontinuous peat layer	Permanent damage or destruction during construction of 9m deep foundations for two hoppers	Minor adverse	Archaeological watching brief with aim of recovering paleoenvironmental samples	Neutral (not-significant)
Transport and access (ES Chapter 12)	Drivers	Driver delay	Negligible beneficial	No additional mitigation is proposed	Negligible beneficial (not-significant)
	Public transport users	Public transport users	Negligible beneficial	No additional mitigation is proposed	Negligible beneficial (not-significant)
	Pedestrians, Public transport users	Pedestrian delay	Negligible beneficial	No additional mitigation is proposed	Negligible beneficial (not-significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	Pedestrians, cyclists	Pedestrian amenity	Minor beneficial or negligible beneficial	No additional mitigation is proposed	Minor beneficial or negligible beneficial (not-significant)
	Pedestrians	Fear and intimidation	Minor beneficial or negligible beneficial	No additional mitigation is proposed	Minor beneficial or negligible beneficial (not-significant)
	Pedestrians, public transport users	Severance	Negligible beneficial	No additional mitigation is proposed	Negligible beneficial (not-significant)
	Drivers, pedestrians, cyclists and public transport users	Accidents and road safety	Negligible beneficial	No additional mitigation is proposed	Negligible beneficial (not-significant)
Climate change (ES Chapter 13)	<i>Climate Change GHGs</i>				
	Global climatic system	GHG emissions	Negligible	No additional mitigation proposed	Negligible (not significant)
	<i>Climate Change Resilience</i>				
	Site buildings & structures	Wind speed	Negligible	No additional mitigation proposed	Negligible (not significant)
	Site buildings & structures	Water resources & flood risk	Negligible	No additional mitigation proposed	Negligible (not significant)
	Site buildings & structures	Ground well / shrinkage	Negligible	No additional mitigation proposed	Negligible (not significant)
	Site habitats & species	Seasonal temperature & rainfall	Negligible	No additional mitigation proposed	Negligible (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
Socio-economics and health (ES Chapter 14)	Labour force	Change in direct, indirect and induced employment during the construction phase	Major adverse	No additional mitigation proposed	Major (significant adverse)
	Labour force	Change in education, skills and training provision during the construction phase	Minor beneficial	No additional mitigation proposed	Minor beneficial (not significant)
	Human health	Change in health outcomes during the construction phase as a result of loss of employment	Moderate adverse	No additional mitigation proposed	Moderate (significant adverse)

Table 17.2 Summary of operational phase proposed additional mitigation residual effects

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
Landscape and visual (ES Chapter 5)	LCA 1: Margam Marsh	Direct long-term effects on the site and host LCA, once completed	Minor adverse	No additional mitigation proposed	Minor (not significant)
	LCA 50: Port Talbot Docks and Margam Works	Direct long-term effects on the site and host LCA, once completed	Moderate-minor neutral	No additional mitigation proposed	Moderate-minor (not significant)
	LCA 3 Margam Country Park	Indirect long-term effects to the LCA, once completed	Minor adverse	No additional mitigation proposed	Minor (not significant)
	LCA 6: Mynydd Brombil, Mynydd Emroch & Mynydd Dinas	Indirect long-term effects to the LCA, once completed	Moderate-minor adverse	No additional mitigation proposed	Moderate-minor (not significant)
	Longland Lane/PRoW 5/92.PT/3	Long-term effects arising from views of the completed development experienced by walkers on the path	Moderate adverse	No additional mitigation proposed	Moderate (not significant)
	People living in or visiting the area of Broomhill.	Long-term effects arising from views of the completed development from Broomhill.	Minor neutral	No additional mitigation proposed	Minor (not significant)
	M4 Motorway	Long-term effects arising from views of the completed development for drivers and passengers on the M4	Minor adverse	No additional mitigation proposed	Minor (not significant)
	Wales Coast Path	Long-term effects arising from views of the completed development experienced by walkers on the path	Moderate adverse	No additional mitigation proposed	Moderate (not significant)
	Ogwr Ridgeway/Glamorgan Ridgeway	Long-term effects arising from views of the completed development experienced by	Moderate-minor adverse	No additional mitigation proposed	Moderate-Minor (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
		walkers on the path			
	Margam Park	Long-term effects arising from views of the completed development experienced by recreational park users	Minor adverse	No additional mitigation proposed	Minor (not significant)
	Kenfig National Nature Reserve	Long-term effects arising from views of the completed development experienced by recreational users of the reserve	Minor-negligible neutral	No additional mitigation proposed	Minor-Negligible (not significant)
	Bro Stone at the Pulpit Viewpoint	Long-term effects arising from views of the completed development experienced by recreational park users	Moderate-minor adverse	No additional mitigation proposed	Moderate-Minor (not significant)
	Cairn at Foel Fynyaddau	Long-term effects arising from views of the completed development experienced by walkers and visitors	Minor-negligible neutral	No additional mitigation proposed	Minor-Negligible (not significant)
	SLA 4: Margam	Indirect long-term effects to the SLA, once completed	Minor adverse	No additional mitigation proposed	Minor (not significant)
	Longland Lane/PRoW 5/92.PT/3 & Kenfig National Nature Reserve	Proposed lighting would be visible as points of light, especially where there would be a high degree of contrast at sensitive viewpoints.	Moderate-Minor adverse	No additional mitigation proposed	Moderate-Minor (not significant)
Air quality (ES Chapter 6)	Human health and ecological receptors	Vehicle and industrial emissions: NO ₂ , SO ₂ , CO, Hg, B[a]P, Pb, Cr and Dioxins & Furans, PM ₁₀ and PM _{2.5} Ecological: changes to NH ₃	Slight beneficial	No additional mitigation proposed	Slight beneficial (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
		and SO ₂ concentrations			
Noise and vibration (ES Chapter 7)	Residential Receptors	Operational noise	Moderate adverse	No additional mitigation proposed	Moderate (not significant)
	SSSI Receptors	Operational noise	Negligible	No additional mitigation proposed	Negligible (not significant)
	Quiet areas	Operational noise	Negligible	No additional mitigation proposed	Negligible (not significant)
	Residential Receptors	Road traffic noise	Negligible	No additional mitigation proposed	Negligible (not significant)
	SSSI Receptors	Road traffic noise	Negligible	No additional mitigation proposed	Negligible (not significant)
	Quiet areas	Road traffic noise	Negligible	No additional mitigation proposed	Negligible (not significant)
Biodiversity (ES Chapter 8)	Statutory and non-statutory designated sites	Changes to air quality	Indirect, long-term, permanent beneficial	No additional mitigation proposed	Indirect, long-term, permanent (significant beneficial at local level)
	Locally designated sites	Changes to air quality	Indirect, short-term, permanent adverse Indirect, long-term permanent beneficial	No additional mitigation proposed	Indirect, long-term, permanent (significant beneficial at local level)
	Bats - foraging/commuting	Disturbance	Direct, long-term, permanent adverse	Long term habitat management regime and minimised lighting design Net Biodiversity Benefit proposals	Direct, long term, permanent (significant beneficial at local level)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	Invasive non-native species	Spreading	Direct, long-term, permanent adverse	Management and control regime Net Biodiversity proposals	Direct, long-term, permanent (significant beneficial at local level)
Surface Water, flood risk and drainage (ES Chapter 9)	<i>Surface water quality</i>				
	Swansea Bay WFD Waterbody.	Direct, permanent, long-term impacts on surface water quality	Moderate beneficial	No additional mitigation is proposed	Moderate (significant beneficial)
	NRW Main Rivers - Nant Ffrwdwyllt, Afon Cynffig (Kenfig), Afon Afan, Port Talbot Docks.	Direct, permanent, long-term impacts on surface water quality	Negligible	No additional mitigation is proposed	Negligible adverse (not significant)
	Ordinary watercourses on site	Direct, permanent, long-term impacts on surface water quality	Minor beneficial	No additional mitigation is proposed	Minor beneficial (not significant)
	<i>Groundwater quality</i>				
	WFD Groundwater Body Swansea Carboniferous Coal Measures	In-direct, permanent, long-term impacts on groundwater quality	Negligible	No additional mitigation is proposed	Negligible (not significant)
	<i>Water resources</i>				
	Afon Cynffig (Kenfig), Mothers Ditch, Eglwys Nunydd Reservoir, Nant Ffrwdwyllt, Afon Afan	Direct, permanent, long-term impacts on water resources	Negligible	No additional mitigation is proposed	Negligible (not significant)
	Nant Ffrwdwyllt, Port Talbot docks,	Direct, permanent, long-term impacts on water resources	Minor	No additional mitigation is proposed	Minor (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	<i>Flood risk</i>				
	Less vulnerable development (on-site industrial development).	Direct, permanent, long-term impacts on flood risk	Negligible	No additional mitigation is proposed	Negligible (not significant)
Land, soil and groundwater (ES Chapter 10)	Geological units	Contamination release resulting from the improper storage, handling and disposal of raw materials, products and waste products	Minor adverse	No additional mitigation is proposed	Minor (not significant)
	Peat	Contamination release resulting from the improper storage, handling and disposal of raw materials, products and waste products	Minor adverse	No additional mitigation is proposed	Minor (not significant)
	Mineral resources	Contamination release resulting from the improper storage, handling and disposal of raw materials, products and waste products	Minor adverse	No additional mitigation is proposed	Minor (not significant)
	Soil resources	Contamination release resulting from the improper storage, handling and disposal of raw materials, products and waste products	Minor adverse	No additional mitigation is proposed	Minor (not significant)
	Hydrogeology	Contamination release resulting from the improper storage, handling and disposal of raw materials, products and waste products	Minor adverse	No additional mitigation is proposed	Minor (not significant)
Cultural heritage (ES Chapter 11)	Chain Home Low Radar Station (GM488), Landscape around Half	Visual change within the Site associated with a change in the number of buildings and	Moderate adverse	No additional mitigation is proposed	Moderate (not significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	Moon Camp (GM477), Margam Abbey (GM005), Mynydd y Castell Camp (GM162), and Margam Park Conservation Area (151) and Registered Garden (PGW(Gm)52(NEP)), and Hen Eglwys (GM163)	their massing.			
	Henbiniwn (00740w)	Visual change within the Site associated with a change in the number of buildings and their massing.	Minor adverse	No additional mitigation proposed	Minor (not significant)
	Morfa Colliery (421174) and Theodrics Grange (20041)	Visual change within the Site associated with a change in the number of buildings and their massing.	Negligible adverse	No additional mitigation proposed	Negligible (not significant)
Transport and access (ES Chapter 12)	Drivers	Driver delay	Negligible beneficial	No additional mitigation proposed	Negligible (not-significant)
	Public transport users	Public transport users	Negligible beneficial	No additional mitigation proposed	Negligible (not-significant)
	Pedestrians, Public transport users	Pedestrian delay	Negligible beneficial	No additional mitigation proposed	Negligible (not-significant)
	Pedestrians, cyclists	Pedestrian amenity	Minor beneficial or negligible beneficial	No additional mitigation proposed	Minor beneficial or negligible (not-significant)
	Pedestrians	Fear and intimidation	Minor beneficial or negligible beneficial	No additional mitigation proposed	Minor beneficial or negligible (not-significant)
	Pedestrians, public transport users	Severance	Negligible beneficial	No additional mitigation proposed	Negligible (not-significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
	Drivers, pedestrians, cyclists and public transport users	Accidents and road safety	Negligible beneficial	No additional mitigation proposed	Negligible (not-significant)
Climate change (ES Chapter 13)	<i>Climate Change GHGs</i>				
	Global climatic system	GHG emissions	Major beneficial	No additional mitigation proposed	Major (significant beneficial)
	<i>Climate Change Resilience</i>				
	Site buildings & structures	Wind speed	Negligible	No additional mitigation proposed	Negligible (not significant)
	Site buildings & structures	Water resources & flood risk	Negligible	No additional mitigation proposed	Negligible (not significant)
	Site buildings & structures	Ground well / shrinkage	Negligible	No additional mitigation proposed	Negligible (not significant)
	Site buildings & processes	Mains water availability	Negligible	No additional mitigation proposed	Negligible (not significant)
	Site habitats & species	Seasonal temperature & rainfall	Beneficial	No additional mitigation proposed	Beneficial (significant)
Socio-economics and health (ES chapter 14)	Labour force	Change in direct, indirect and induced employment during the operational phase	Major adverse	No additional mitigation proposed	Major (significant adverse)
	Businesses and associated labour force	Change in employee expenditure during the	Moderate adverse	No additional mitigation proposed	Moderate (significant)

Environmental factor	Receptor	Impact	Potential effect	Additional mitigation proposed	Residual effect
		operational phase			adverse)
	Human health	Change in health outcomes during the operational phase as a result of loss of employment	Moderate adverse	No additional mitigation proposed	Moderate (significant adverse)