

APPENDIX 12.6

Effect	Receptor and importance	Nature of Effect	Significance	Mitigation & Enhancement Measures	Residual Significance	Cumulative Effect	Significance (and Nature) of Cumulative Effect	Explanation
Construction Phase								
Intermediate area receptors 1: Visual change (middle distance views).	Residents and users of public realm spaces north of the Estuary Importance: Part Moderate/ part low	Mostly positive but some localised negative Short term Temporary Direct Part high beneficial part moderate adverse	Part low negative, part moderate negative and part high positive.	Retention and enhancement of existing tree and shrub planting.	Low Negative Significance	Intermediate area receptors 1: Visual change (middle distance views).	Low Negative (Short term, Temporary, Direct)	A potential negative cumulative effect of increased visual intrusion could occur if construction of proposed developments near to the Project, coincided with that of the project. Such developments could include developments 2, 3, 10 and 5.
Intermediate area receptors 2: Visual change (Middle distance views).	Users of Spike Island & Wigg Island & Residents of western fringe of west bank	Part positive & part negative Short term Temporary Direct High beneficial	High positive with areas of moderate positive and high negative	Unable to mitigate.	High negative	Intermediate area receptors 2: Visual change (Middle distance views).	High Negative (Short term, Temporary, Direct)	A potential negative cumulative effect of increased visual intrusion could occur if construction of proposed developments near to the Project, coincided with that of the

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	Importance:	through to low adverse						Project. Such developments could include developments 2, 3, 10 and 5.
Intermediate area receptors 3: Visual change (middle distance views).	Residents & users of public realm spaces south of the Estuary Importance:	Negative Short term Temporary Direct Moderate adverse	Moderate negative	Retention and protection of selected areas of existing planting.	Low Negative Significance	Intermediate area receptors 3: Visual change (middle distance views).	Low Negative (Short term, Temporary, Direct)	A potential negative cumulative effect of increased visual intrusion could occur if construction of proposed developments near to the Project, coincided with that of the Project. Such developments could include developments 2, 3, 10 and 5.
Local area receptors 1: Visual change (local views).	Residents & users of public realm areas around South Widnes & Estuary margins	Negative Short term Temporary Direct and indirect Part low adverse, part moderate	Part low negative part moderate negative.	Retention and enhancement of existing tree and shrub planting.	Part low negative part moderate negative.	Local area receptors 1: Visual change (local views).	Low negative (Short term, Temporary, Direct)	A potential negative cumulative effect of increased visual intrusion could occur if construction of proposed developments near to the Project, coincided with that of the

Effect	Receptor and importance	Nature of Effect	Significance	Mitigation & Enhancement Measures	Residual Significance	Cumulative Effect	Significance (and Nature) of Cumulative Effect	Explanation
	Importance: Part low part moderate part high	adverse & part high adverse						Project. Such developments could include developments 2, 3, 10 and 5.
Local area receptors 2: Visual change (local views).	Residents & users of Spike Island, St Helens Canal, Trans-Pennine Trail & Wigg Island Importance: Part Moderate part high	Negative Short term Temporary Direct and indirect Moderate adverse	Part moderate negative part high negative	Unable to mitigate.	Part moderate negative part high negative.	Local area receptors 2: Visual change (local views).	Moderate Negative (Short term, Temporary, Direct)	A potential negative cumulative effect of increased visual intrusion could occur if construction of proposed developments near to the Project, coincided with that of the Project. Such developments could include developments 2, 3, 10 and 5.
Local area receptors 3: Visual change (local views).	Residents around Bridgewater Junction Central Expressway & other modified	Negative Long term Permanent Direct Part low, part moderate adverse	Part low negative part moderate negative.	Retention and protection of selected areas of existing planting.	Low negative.	Local area receptors 3: Visual change (local views).	Low negative (Short term, Temporary, Direct)	A potential negative cumulative effect of increased visual intrusion could occur if construction of proposed developments near to the Project, coincided

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	junctions Importance:							with that of the Project. Such developments could include developments 2, 3, 10 and 5.
Operational Phase								
Intermediate area receptors 1: Visual change (middle distance views).	Residents and users of public realm spaces north of the Estuary Importance: Part Moderate / part low	Positive Long term Permanent Direct High beneficial	Part moderate positive, part high positive, part low negative.	Mitigation achieved by extensive landscape scheme commensurate with scale of Project.	Low negative	None	-	Other proposed developments are of similar size to those which they will replace or sit near. In addition there are no other developments which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.
Intermediate area receptors 1: Effect on landscape & townscape.	Landscape/townscape of South Widnes & fringes of northern estuary.	Positive Long term Permanent Direct High beneficial	High positive	Landscape scheme improves degraded landscape.	Low negative	None	-	Other proposed developments are of similar size to those which they will replace or sit near. In addition there are no other developments

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	Importance: Part low / part negligible							which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.
Intermediate area receptors 2: Visual change (Middle distance views).	Users of Spike Island & Wigg Island & Residents of western fringe of west bank Importance:	Part positive & part negative Long term Permanent Direct High beneficial through to low adverse	High positive with areas of moderate positive and high negative	Mitigation measures focus upon refinement of design of structural aspects and colour themes of New Bridge with integration into estuary margins achieved by large scale landscape scheme.	High negative	None	-	Other proposed developments are of similar size to those which they will replace or sit near. In addition there are no other developments which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.
Intermediate area receptors 2: Effect on landscape and	Estuary & estuary margins.	Part positive & part negative	Part moderate negative part moderate positive.	Unable to mitigate.	Moderate negative, low negative,	Intermediate area receptors 2: Effect on landscape and	High Positive Significance (Long term,	Regeneration projects such as developments 2 and 3 should be a visual

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townscape	Importance: Part high, part moderate	Long term Permanent Direct Part high beneficial part moderate negative	Low negative for Green Belt. Part moderate positive part high positive for cultural heritage.		part moderate positive part high positive.	townscape	Permanent, Direct)	improvement to the existing area. The additional lighting from these schemes will reduced the obtrusiveness of lighting from the Project. Therefore there will be high positive cumulative effect of improvement to the degraded landscape setting.
Intermediate area receptors 3: Visual change (middle distance views).	Residents & users of public realm spaces south of the Estuary Importance: Moderate	Negative Short term Temporary Direct Moderate adverse	Moderate negative	Retention and protection of selected areas of existing planting.	Low negative.	None	-	Other proposed developments are of similar size to those which they will replace or sit near. In addition there are no other developments which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.
Intermediate area receptors	Residents & users of	Negative Short term	Moderate negative	Retention and	Low negative.	None	-	Other proposed developments are of

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3: Visual change (middle distance views).	public realm spaces south of the Estuary Importance: Moderate	Temporary Direct Moderate adverse		protection of selected areas of existing planting.				similar size to those which they will replace or sit near. In addition there are no other developments which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.
Local area receptors 1: Visual change (local views).	Residents & users of public realm areas around South Widnes & Estuary margins Importance: Part low part moderate part high	Positive Long term Permanent Direct Part low adverse, part moderate adverse, part moderate beneficial & part high beneficial.	Part low, part moderate, part high positive	Mitigation predominantly achieved by provision of screen planting.	Low negative.	None	-	Other proposed developments are of similar size to those which they will replace or sit near. In addition there are no other developments which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.
Local area	Residents &	Negative	Part moderate	Mitigation	High	None	-	Other proposed

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receptors 2: Visual change (local views).	users of Spike Island, St Helens Canal, Trans-Pennine Trail & Wigg Island Importance: Moderate	Long term Permanent Direct Part low adverse mostly moderate adverse, part high adverse.	negative part high negative	predominantly achieved by provision of screen planting.	negative			developments are of similar size to those which they will replace or sit near. In addition there are no other developments which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.
Local area receptors 3: Visual change (local views).	Residents around Bridgewater Junction Central Expressway & other modified junctions Importance: Moderate	Negative Long term Permanent Direct Part low part moderate adverse.	Part low negative part moderate negative	Mitigation predominantly achieved by provision of screen planting.	Part moderate positive part low negative.	None	-	Other proposed developments are of similar size to those which they will replace or sit near. In addition there are no other developments which will protrude into the view of the Estuary. Therefore there are unlikely to be any cumulative effects.

Table 12.6. Cumulative effects relating to Landscape and Visual Amenity arising from the Project