

Table 14.1											
Assessment of potential impact on Flora and Fauna											
Issue	Description of impact	Geographical significance					Impact	Nature	Significance	Receptor	Mitigation measures
		I	N	R	D	L					
Impacts on habitats	Construction phase: Construction may cause a loss of woodland, agricultural land and hedges.					*	Adverse	St	Slight adverse	F	Proposed planting of native species.
	Operational phase: Development may lead to loss of woodland, agricultural land and hedges.					*	Beneficial	Lt	Neutral - Slight beneficial	F	Maturing of planted native species.
Impacts on breeding birds	Construction phase: Impacts on nesting and foraging.					*	Adverse	St	Slight adverse	F	Tree felling outside of bird nesting season
	Operational Phase: Impacts on nesting and foraging birds.					*	Neutral	Lt	Neutral - Slight beneficial	F	New native planting.
Impacts on protected species	Construction phase: Impacts on protected species including: Otter (none found), Hare (none found), Great Crested Newt (none found), Badger (none found), Bats (foraging), Barn Owl (Possibly foraging - no evidence).					*	Beneficial	St	None - Slight beneficial	F	
	Operation phase: Impacts on protected species including: Otter (none found), Hare(none found), Great Crested Newt (none found), Badger (none found), Bats (foraging), Barn Owl (Possibly foraging - no evidence).					*	Adverse	Lt	Neutral - Slight beneficial	F	New grassland will provide foraging for Barn Owl and Bats.
No other protected species would be affected by the development.											
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St = Short term Lt = Long term , R = Reversible, Ir = Irreversible											

Table 14.3											
Noise - summary assessment matrix											
Issue	Description of impact	Geographical significance					Impact	Nature	Significance	Receptor	Mitigation measures
		I	N	R	D	L					
Construction noise	Construction phase: Construction methods not yet finalised, although construction activity at the site could be audible at the identified properties.					*	Adverse	St	Slight	H	No mitigation measure required other than construction management governed by condition.
Road traffic noise	Operational phase: Noise prediction calculations suggest the proposed development would lead to a short term increase in traffic noise. However, such a noise impact is assessed as being slight adverse with a slight probability of being perceptible.					*	Adverse	Lt	Slight	H	No mitigation required (noise attenuation barriers in place)
Crowd noise	Operational phase:					*	Adverse	Lt	Slight	H	No mitigation required
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Table 14.5											
Visual impacts - summary assessment matrix											
Issue	Description of impact	Geographical significance					Impact	Nature	Significance	receptor	Mitigation measures
		I	N	R	D	L					
Visual impact	Construction phase : Visual impacts on surrounding properties (Devonport,Dainton Crescent Warrington Crescent, Chestnut Crescent, Shiney Row, Aster Terrace).					*	Adverse	St	Slight adverse - Moderate adverse	H	Planting of native trees.
	Construction phase : Visual impacts on roads (Staddon Way, Coaley Lane and Blind Lane).					*	Adverse	St	Moderate adverse	H	Planting of native trees.
	Construction phase : Visual impacts on footpaths. (Footpath 60, railway cutting path, path from Newbottle to Philadelphia).					*	Adverse	St	Slight adverse - Moderate adverse	H	Planting of native trees.
	Operational phase : Visual impacts on surrounding properties (Devonport,Dainton Crescent Warrington Crescent, Chestnut Crescent, Shiney Row, Aster Terrace).					*	Beneficial	Lt	Slight beneficial	H	Maturing of native trees.
	Operational phase : Visual impacts on roads (Staddon Way, Coaley Lane and Blind Lane).					*	Beneficial	Lt	Slight beneficial - Moderate beneficial	H	Maturing of native trees.
	Operational phase : Visual impacts on footpaths (Footpath 60, railway cutting path, path from Newbottle to Philadelphia).					*	Beneficial	Lt	Slight beneficial - beneficial	H	Maturing of native trees.
Sensitive receptors	Construction phase : The development may alter the setting of sensitive receptors	*					Neutral	St	Negligible	H	None necessary
	Operational phase : The development may alter the setting of the sensitive receptors.	*					Neutral	Lt	Negligible	H	None necessary
Effect on local landscape character and amenity open space	Construction phase : The construction of the development may have an impact on landscape character					*	Neutral	St	Negligible	C&L and H	None necessary
	Operational phase : The development may have an impact on landscape character.					*	Neutral	Lt	Negligible	C&L and H	None necessary
Effect on Character of Newbottle	Construction phase : The construction of the development may have an impact on the character of Newbottle					*	Neutral	St	Negligible	C&L and H	None necessary
	Operational phase : The development may have an impact on landscape character.					*	Neutral	Lt	Negligible		None necessary
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Table 14.6											
Surface Water - summary assessment matrix											
Issue	Description of impact	Geographical significance					Impact	Nature	Significance	Receptor	Mitigation measures
		I	N	R	D	L					
The release of water potentially polluted water as a result of construction work at the proposed development site.	Construction phase: Mixing of cement and concrete, construction sewerage, erosion of soils stockpiles					*	Adverse	St	Negligible	W	Construction management governed by planning condition
Risk of pluvial flooding (flooding resulting from rain).	Operational phase: drainage from pitches					*	Adverse	Lt	Negligible	W	Surface water drainage scheme condition approved
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Table 14.8											
Air quality - summary assessment matrix											
Issue	Description of impact	Geographical significance					Impact	Nature	Significance	Receptor	Mitigation measures
		I	N	R	D	L					
Carbon Loss	Construction phase: Felling of trees would release a small amount of carbon dioxide into the atmosphere.	*					Adverse	St	Negligible	C&Land A	Plant equivalent area of new trees in a nearby location in the Doxford Park area of Sunderland. Therefore there would be no net loss of carbon dioxide storage as a result of the development.
Dust	Construction phase: Potential for dust as a result of construction activities.						Slight adverse	St	Negligible	H and A	Construction management required by condition. No mitigation measure required
Vehicle Emissions	Operational phase: Emissions from vehicles to air when site use commences.					*	Slight adverse	St	Negligible	H and A	No mitigation measure required as no AQMA declared
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