

Superseded

Appendix 7R

Calculations of habitat loss, gain
and retained habitats

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R1 Calculations of Habitat loss, gain and retained habitats.

Table 7.132: calculations of habitat loss, gain and retained areas, for each area within the site with respect to different part of the development i.e. the track in the Nant Helen site, the new road, the sidings and development in the washery. Calculated from the Future Baseline – Figure 7.10.

Habitat	Habitat loss (Ha)	Habitat creation and or enhancement (Ha)	Habitats retained and enhanced (Ha)
Washery development – buildings etc (Habitat loss calculated from Phase 1 Habitat Plan and and habitat gain calculated from Habitat mitigation and enhancement plan – Future Baseline)			
Neutral grassland / species rich grassland	1.76		
Acid grassland / species rich	5.48	8.47	12.01 (existing SINC)
Marshy grassland / species rich grassland	0.50	16.91	21.99 (existing SINC)
Ponds	0.52		
Dry heath / acid grassland	0.98		
Dense scrub	1.62		
Ephemeral grassland	1.79		
mixed plantation woodland			1.98
Sub total	12.65		

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Habitat	Habitat loss (Ha)	Habitat creation and or enhancement (Ha)	Habitats retained and enhanced (Ha)
Access road – washery and Nant Helen Site (Habitat loss calculated from Phase 1 Habitat Plan and habitat gain calculated from Habitat mitigation and enhancement plan – Future Baseline; Figure 7.9)			
Marshy grassland	11.72		
Acid grassland	0.2		
Broadleaved plantation woodland	0.08		
Marshy grassland (washery)	0.20		
Neutral grassland (washery)	0.20		
Acid grassland (washery)	0.08		
Sub total	12.48		
Sidings – west of washery (Habitat loss calculated from Phase 1 Habitat Plan and habitat gain calculated from Habitat mitigation and enhancement plan – Future Baseline)			
Species rich grassland / acid and marshy grassland		16.90	
Mixed woodland	1.52		
Marshy grassland	0.84		
Ephemeral grassland	2.46		
Sub total	4.82		
Nant Helen (habitat loss calculated from Figure 7.9 – Future Baseline and habitat gain calculated			

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Habitat	Habitat loss (Ha)	Habitat creation and or enhancement (Ha)	Habitats retained and enhanced (Ha)
from Habitat mitigation and enhancement plan – Future Baseline)			
Acid grassland (around track)	66.20	42.60	
Waterbodies (dissected by road)	1.86	1.86	
SuDS Ponds		9.6	
SuDS / drainage features		39.44	
Landscaping – tree / woodland planting		23.08	
Sub total	68.06		