

T. Note	Proposed habitats on site (Onsite mitigation)			Target habitats distinctiveness		Target habitat condition			Time till target condition		Difficulty of creation / restoration		Habitat biodiversity value (N x O x P) / Q / R
	code	Phase 1 habitat description	Area (ha)	Distinctiveness	Score	Condition	Score		Time (years)	Score	Difficulty	Score	
Habitat Creation			N		O		P		Q		R		
J12	Grassland: Amenity grassland	6.35	Low	2	Poor	1		5 years	1.2	Low	1	10.58	
n/a	Built Environment: Buildings/hardstanding	2.32	none	0	Poor	1		5 years	1.2	Low	1	0.00	
B5	Grassland: Marsh / Marshy grassland	0.11	High	6	Moderate	2		10 years	1.4	High	3	0.31	
A3	Woodland: Scattered trees	0.53	Medium	4	Poor	1		15 years	1.7	Low	1	1.25	
A22	Woodland: Scattered scrub	0.05	Medium	4	Poor	1		10 years	1.4	Low	1	0.14	
Total			9.36										
Habitat Enhancement							Existing value S (= F)					((N x O x P) - S) / Q / R	
Total			0.00										
											Trading down correction value	0.00	
											Habitat Mitigation Score (HMS)	12.29	
											HBIS = HMS - HIS		
											Habitat Biodiversity Impact Score	-5.25	
											Percentage of biodiversity impact loss	29.95	

KEY	
	No action required
	Action required
	Drop-down menu
	Calculation
	Automatic lookup
	Overall Result
	Loss to biodiversity
	Gain to biodiversity

Warwickshire Coventry and Solihull - Biodiversity Impact Assessment Calculator - Linear Features

Please fill in both tables

KEY	
	No action required
	Enter value
	Drop-down menu
	Calculation
	Automatic lookup
	Result

Linear Features
 Hedges and other linear features can offer a higher biodiversity value per length than a standard area of habitat due to factors such as connectivity and must therefore be compensated for in parallel to the standard metric.

Please do not edit the formulae or structure
 To condense the form for display hide vacant rows, do not delete them
 If additional rows are required, or to provide feedback on the calculator please contact WCC Ecological Services

Existing linear features on site				Linear distinctiveness		Linear condition		Linear features to be retained with no change within development		Linear Biodiversity Value		Linear features to be retained and enhanced within development		Linear features to be lost within development		
T. Note	code	Phase 1 habitat description	Feature length (km)	Distinctiveness	Score	Condition	Score	Length (km)	Existing value	Length (km)	Existing value	Length (km)	Existing value	Length (km)	Existing value	
Direct Impacts and retained features				A	B	C		D	E	F	G	H				
				A	B	A x B x C = D		E	A x B x E = F	G	A x B x G = H					
J21		Hedges: Intact hedge	0.05	Medium	4	Poor	1	0.05	0.20							
J22		Hedges: Defunct hedge	0.44	Low	2	Poor	1	0.44	0.88							
J211		Hedges: Native species rich intact hedge	0.25	High	6	Moderate	2	0.25	3.00							
J22		Hedges: Defunct hedge	0.49	Low	2	Good	3	0.49	2.94							
Total			1.23					1.23	7.02	0.00	0.00	0.00	0.00	0.00		
											Site Linear Biodiversity Value		SD + SF + SH		7.02	
Indirect Negative Impacts								Value of loss from indirect impacts								
Before/after impact				K					K x A x B = Li, Lii	Li - Lii						
Before																
After																
Before																
After																
Before																
After																
Before																
After																
Total				0.00					M	0.00						
											Linear Impact Score (LIS)		HIS = J + M		0.00	

Biodiversity Impact Assessment Summary

Site name:	Anderson Avenue
Planning reference number:	

Habitats	Area (ha)	Habitat Biodiversity Value
Total existing area onsite	11.96	23.77
Habitats negatively impacted by development Habitat Impact Score	9.36	17.54
On site habitat mitigation Mitigation Score	Habitat 9.36	12.29
Habitat Biodiversity Impact Score		
If -ve further compensation required		-5.25
Percentage of biodiversity impact		29.95
Linear features	Length (km)	Linear Biodiversity Value
Total existing length onsite	1.23	7.02
Linear features negatively impacted by development Linear Impact Score	0.00	0.00
On site linear mitigation Mitigation Score	Linear 0.00	0.00
Linear Biodiversity Impact Score		
If -ve further compensation required		0.00
Percentage of linear biodiversity impact		

For any questions with regard to biodiversity impact and this development please contact Warwickshire County Council Ecological Services:

email: planningecology@warwickshire.gov.uk
tel: 01926 418060

If there is an anticipated loss to biodiversity and no further ecological enhancements can be incorporated within the development it may be possible to compensate for this loss through a biodiversity offsetting scheme.

Please contact The Environment Bank for discussions on potential receptor sites in your area:

email: Imartland@environmentbank.com
tel: 01926 412772



Phase 1 Habitat Descriptions	Phase 1 Habitat Codes	Distinctiveness	Difficulty of creation	Difficulty of restoration
Built Environment: Buildings/hardstanding	n/a	none 0	Low 1	Low 1
Built Environment: Gardens (lawn and planting)	n/a	Low 1	Low 1	Low 1
Woodland: Broad-leaved semi-natural woodland	A111	High 6	n/a -	Low 1
Woodland: Broad-leaved plantation	A112	Medium 4	Medium 1.5	Low 1
Woodland: Coniferous semi-natural woodland	A121	Medium 4	n/a -	Low 1
Woodland: Coniferous plantation	A122	Low 2	Medium 1.5	Low 1
Woodland: Mixed semi-natural woodland	A131	Medium 4	n/a -	Low 1
Woodland: Mixed plantation	A132	Low 2	Medium 1.5	Low 1
Woodland: Wet woodland	n/a	High 6	Medium 1.5	Medium 1.5
Woodland: Dense continuous scrub	A21	Medium-Low 3	Low 1	Low 1
Woodland: Scattered scrub	A22	Medium 4	Low 1	Low 1
Woodland: Scattered trees	A3	Medium 4	Low 1	Low 1
Woodland: Broad-leaved parkland	A31	High 6	Medium 1.5	Low 1
Woodland: Coniferous parkland	A32	Medium 4	Medium 1.5	Low 1
Woodland: Recently felled woodland	A4	Low 2	n/a -	n/a -
Woodland: Orchard	A5	High 6	Low 1	Low 1
Grassland: Unimproved acidic grassland	B11	High 6	Medium 1.5	Low 1
Grassland: Semi-improved acidic grassland	B12	Medium-High 5	Medium 1.5	Low 1
Grassland: Unimproved neutral grassland	B21	High 6	Medium 1.5	Low 1
Grassland: Semi-improved neutral grassland	B22	Medium 4	Medium 1.5	Low 1
Grassland: Unimproved calcareous grassland	B31	High 6	Medium 1.5	Low 1
Grassland: Semi-improved calcareous grassland	B32	Medium-High 5	Medium 1.5	Low 1
Grassland: Poor semi-improved grassland	B6	Medium-Low 3	Medium 1.5	Low 1
Grassland: Improved grassland	B4	Low 2	n/a -	Low 1
Grassland: Marsh / Marshy grassland	B5	High 6	High 3	Medium 1.5
Grassland: Dry heath / Acidic grassland mosaic	D5	High 6	Medium 1.5	Medium 1.5
Grassland: Set-aside / Arable field margins	J113	High 6	Low 1	Low 1
Grassland: Amenity grassland	J12	Low 2	Low 1	Low 1
Wetland: Standing water	G1	High 6	Medium 1.5	Medium 1.5
Wetland: Running water	G2	High 6	Medium 1.5	Medium 1.5
Wetland: Reedbed	n/a	High 6	low 1	low 1
Wetland: Sphagnum Bog	E11	High 6	Very High 10	High 3
Wetland: Acid/neutral flush	E21	High 6	High 3	Medium 1.5
Wetland: Basin Mire	E32	High 6	High 3	Medium 1.5
Wetland: Swamp	F1	High 6	High 3	Medium 1.5
Wetland: Inundation vegetation	F22	High 6	Low 1	Low 1
Other: Arable	J11	Low 2	n/a -	n/a -
Other: Continuous bracken	C11	Low 2	Low 1	Low 1
Other: Tall ruderal	C31	Medium-Low 3	Low 1	Low 1
Other: Non-ruderal	C32	Medium 4	Low 1	Low 1
Other: Ephemeral/short perennial	J13	Low 2	Low 1	Low 1
Other: Allotments	J112	Low 2	Low 1	Low 1
Other: Quarry	I21	Low 2	Low 1	Low 1
Other: Spoil	I22	Low 2	Low 1	Low 1
Other: Refuse tip	I24	Low 2	Low 1	Low 1
Other: Introduced shrub	J14	Low 2	Low 1	Low 1
Other: Bare ground	J4	Low 2	Low 1	Low 1

Other: Green roof	n/a	Low	2	Low	1	Low	1
Linear features							
Hedges: Intact hedge	J21	Medium	4	Low	1	Low	1
Hedges: Native species rich intact hedge	J211	High	6	Low	1	Low	1
Hedges: Hedge with trees	J23	Medium-High	5	Low	1	Low	1
Hedges: Native species rich hedge with trees	J231	High	6	Low	1	Low	1
Hedges: Defunct hedge	J22	Low	2	n/a	-	n/a	-
Hedges: Linear scrub	A21	Medium	4	Low	1	Low	1
Hedges: Linear trees	A3	Medium	4	Low	1	Low	1
Hedges: Introduced shrub	J14	Low	2	Low	1	Low	1
Ditches: Standing water	G1	High	6	Medium	2	Low	1
Ditches: Running water	G2	High	6	Medium	2	Low	1
Ditches: Dry ditch	J26	Low	2	Low	1	Low	1
Boundaries: Fence	J24	None	0	Low	1	Low	1
Boundaries: Wall	J25	Low	2	Low	1	Low	1
Boundaries: Dry stone wall	J25	Medium	4	Low	1	Low	1
Other: Inland cliff	I1	Medium	4	Low	1	Low	1
Other: Earth bank	J28	Low	2	Low	1	Low	1
Other: Green wall	n/a	Low	2	Low	1	Low	1

Distinctiveness	
High	6
Medium-High	5
Medium	4
Medium-Low	3
Low	2
none	0

Condition	
Good	3
Moderate	2
Poor	1

Time	
5 years	1.2
10 years	1.4
15 years	1.7
20 years	2
25 years	2.4
30 years	2.8
32+ years	3

Difficulty	
Very high	10
High	3
Medium	1.5
Low	1
n/a	0

