

v. 18.3 08/08/2014
 Amendment from v18.2 only affects green roofs, for other habitats v18.2 still usable.
 Please fill in both tables.
 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

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

Local Planning Authority:	Heyford Park
Site name:	
Planning application reference number:	
Assessor:	
Date:	05/02/2018

T. Note	code	Phase 1 habitat description	Habitat area (ha)	Habitat distinctiveness		Habitat condition		Habitats to be retained with no change within development		Habitats to be retained and enhanced within development		Habitats to be lost within development		Comment	
				Distinctiveness	Score	Condition	Score	Area (ha)	Existing value	Area (ha)	Existing value	Area (ha)	Existing value		
Existing habitats on site				A		B		C		E		G			
Please enter all habitats within the site boundary				A x B x C = D		B		A x B x C = D		A x B x E = F		A x B x G = H			
Direct Impacts and retained habitats															
B21		Grassland: Unimproved neutral grassland	35.03	High	6	Good	3	34.32	617.76			0.71	12.78		
B21		Grassland: Unimproved neutral grassland	0.26	High	6	Moderate	2	0.21	2.52			0.05	0.60		
B21		Grassland: Unimproved neutral grassland		High	6	Poor	1								
B22		Grassland: Semi-improved neutral grassland		Medium	4	Good	3								
B22		Grassland: Semi-improved neutral grassland	4.69	Medium	4	Moderate	2	4.64	37.12			0.05	0.40		
B31		Grassland: Unimproved calcareous grassland	11.04	High	6	Good	3	11.04	198.72						
B31		Grassland: Unimproved calcareous grassland	39.16	High	6	Moderate	2	28.19	338.28			10.97	131.64		
B31		Grassland: Unimproved calcareous grassland		High	6	Poor	1								
B32		Grassland: Semi-improved calcareous grassland		Medium-High	5	Good	3								
B32		Grassland: Semi-improved calcareous grassland		Medium-High	5	Moderate	2								
B32		Grassland: Semi-improved calcareous grassland	0.74	Medium-High	5	Poor	1	0.53	2.65			0.21	1.05		
B6		Grassland: Poor semi-improved grassland		Medium-Low	3	Good	3								
B6		Grassland: Poor semi-improved grassland		Medium-Low	3	Moderate	2								
B6		Grassland: Poor semi-improved grassland	147.51	Medium-Low	3	Poor	1	113.87	341.61	16.50	49.50	17.14	51.42		
B4		Grassland: Improved grassland		Low	2	Poor	1								
J113		Grassland: Set-aside / Arable field margins	0.95	High	6	Good	3	0.54	9.72			0.41	7.38		
J11		Other: Arable	25.91	Low	2	Poor	1	6.22	12.44			19.69	39.38		
A112		Woodland: Broad-leaved plantation	1.07	Medium	4	Poor	1	0.76	3.04			0.31	1.24		
A122		Woodland: Coniferous plantation	0.49	Low	2	Poor	1	0.25	0.50			0.24	0.48		
A132		Woodland: Mixed plantation	3.14	Low	2	Poor	1	2.59	5.18			0.55	1.10		
A21		Woodland: Dense continuous scrub	1.61	Medium-Low	3	Moderate	2	0.27	1.62			1.34	8.04		
J13		Other: Ephemeral/short perennial	3.84	Low	2	Moderate	2	1.74	6.96			2.10	8.40		
n/a		Built Environment: Buildings/hardstanding	161.33	none	0	Poor	1	161.33	0.00			12.06	24.12		
J12		Grassland: Amenity grassland	13.63	Low	2	Poor	1	6.57	13.14			3.47	6.94	Small field W of airfield	
J11		Other: Arable	3.47	Low	2	Poor	1					0.03	0.09		
A21		Woodland: Dense continuous scrub	0.03	Medium-Low	3	Poor	1					0.02	0.12		
G1		Wetland: Standing water	0.14	High	6	Poor	1	0.12	0.72			0.39	2.34		
C31		Other: Tall ruderal	0.39	Medium-Low	3	Moderate	2	0.00				27.35	54.70	Large field W of airfield	
J11		Other: Arable	27.35	Low	2	Poor	1								
Total			486.78				Total	373.19	1591.98	16.50	49.50	97.09	352.22		
												Site habitat biodiversity value	1993.70		
Indirect Negative Impacts															
Before/after impact			K					Value of loss from indirect impacts							
Including off site habitats								K x A x B = Li, Lii		Li - Lii					
Before															
After															
Before															
After															
Before															
After															
Before															
After															
Total			0.00					M		0.00		HIS = J + M		352.22	
												Habitat Impact Score (HIS)	352.22		

CAUTION - Destruction of habitats of high distinctiveness, e.g. lowland meadow or ancient woodland, may be against local policy. Has the mitigation hierarchy been followed, can impact to these habitats be avoided?
 Any unavoidable loss of habitats of high distinctiveness must be replaced like-for-like.

T. Note	code	Phase 1 habitat description	Area (ha)	Target habitat distinctiveness		Target habitat condition		Time till target condition		Difficulty of creation / restoration		Habitat biodiversity value (N x O x P) / Q / R	Comment	
				Distinctiveness	Score	Condition	Score	Time (years)	Score	Difficulty	Score			
Proposed habitats on site (Onsite mitigation)			N	O		P		Q		R				
Habitat Creation			N		O		P		Q		R			
A112		Woodland: Broad-leaved plantation	6.72	Medium	4	Moderate	2	10 years	1.4	Medium	1.5	25.60	Made up of 1.68 PSI, 1.17 UI calc, 0.43 arable	
B31		Grassland: Unimproved calcareous grassland	3.47	High	6	Good	3	10 years	1.4	Medium	1.5	29.74		
n/a		Built Environment: Buildings/hardstanding	49.46	none	0	Moderate	2	10 years	1.4	Low	1	0.00		
n/a		Built Environment: Gardens (lawn and planting)	10.00	Low	2	Poor	1	10 years	1.4	Low	1	14.29		
B31		Grassland: Unimproved calcareous grassland	27.35	High	6	Good	3	10 years	1.4	Medium	1.5	234.43		
A5		Woodland: Orchard	0.99	High	6	Moderate	2	10 years	1.4	Low	1	8.49		
J12		Grassland: Amenity grassland	0.56	Low	2	Poor	1	5 years	1.2	Low	1	0.93		
G1		Wetland: Standing water	0.04	High	6	Moderate	2	5 years	1.2	Medium	1.5	0.27		
Total			98.59	ERROR - Total area of habitats created must equal total area of habitats lost				Existing value S (= F)				((N x O x P) - S) / Q / R		
B22		Grassland: Semi-improved neutral grassland	16.50	Medium	4	Moderate	2	10 years	1.4	Low	1	58.93		
Total			16.50					Trading down correction value		0.00		Habitat Mitigation Score (HMS)		372.67
												Habitat Biodiversity Impact Score	20.45	Gain
												Percentage of biodiversity impact loss		

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

T. Note	code	Existing linear features on site		Linear distinctiveness		Linear condition		Linear Biodiversity Value				Comment		
		Phase 1 habitat description	Feature length (km)	Distinctiveness	Score	Condition	Score	Length (km)	Existing value	Length (km)	Existing value		Length (km)	Existing value
		Direct Impacts and retained features						Linear features to be retained with no change within development		Linear features to be retained and enhanced within development		Linear features to be lost within development		
					A	B	C	A x B x C = D	E	A x B x E = F	G	A x B x G = H		
	J21	Hedges: Intact hedge	1.97	Medium	4	Moderate	2	1.91	15.28			0.06	0.44	
			Total	1.97			Total	1.91	15.28	0.00	0.00	0.06	0.44	J
		Indirect Negative Impacts						Value of loss from indirect impacts		Site Linear Biodiversity Value		ΣD + ΣF + ΣH		
		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					HIS = J + M
											Linear Impact Score (LIS)	0.44		

CAUTION - Destruction of features of medium or high distinctiveness, e.g. hedgerows and streams, may be against local policy. Has the mitigation hierarchy been followed, can impact to these habitats be avoided? Any unavoidable loss of valuable habitats must be replaced like-for-like. E.G. Loss of hedgerows must be replaced with similar or better hedgerows. All newly planted hedges should be native species-rich hedgerows.

T. Note	code	Proposed linear features on site (Onsite mitigation)		Target linear distinctiveness		Target linear condition		Time till target condition		Difficulty of creation / restoration		Linear biodiversity value (N x O x P) / Q / R	Comment	
		Phase 1 habitat description	Length (km)	Distinctiveness	Score	Condition	Score	Time (years)	Score	Difficulty	Score			
		Linear Creation	N	O	P			Q	R					
	J231	Hedges: Native species rich hedge with trees	4.50	High	6	Moderate	2	15 years	1.7	Low	1	31.76		
			Total	4.50										
		Linear Enhancement						Existing value S (= F)				((N x O x P) - S) / Q / R		
			Total	0.00										
											Trading down correction value	0.00		
											Linear Mitigation Score (LMS)	31.76		
											Linear Biodiversity Impact Score	LBIS = LMS - LIS	31.32	Gain
											Percentage of linear impact loss			

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

Biodiversity Impact Assessment Summary

Site name:	Heyford Park
Planning reference number:	

Habitats	Area (ha)	Habitat Biodiversity Value
Total existing area onsite	486.78	1993.70
Habitats negatively impacted by development Habitat Impact Score	97.09	352.22
On site habitat mitigation Mitigation Score	115.09	372.67
Habitat Biodiversity Impact Score		20.45
If -ve further compensation required		
Percentage of biodiversity impact		
Linear features	Length (km)	Linear Biodiversity Value
Total existing length onsite	1.97	15.72
Linear features negatively impacted by development Linear Impact Score	0.06	0.44
On site linear mitigation Mitigation Score	4.50	31.76
Linear Biodiversity Impact Score		31.32
If -ve further compensation required		
Percentage of linear biodiversity impact		

CAUTION - Destruction of habitats of high distinctiveness, e.g. lowland meadow, ancient woodland or species-rich hedgerows, may be against local policy. Has the mitigation hierarchy been followed, can impact to these habitats be avoided? Any unavoidable loss of habitats of high distinctiveness must be replaced like-for-

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: lmartland@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

Habitat trading down correction calculator

Existing Site

Existing habitat	Area of habitat impact	Distinctiveness	High distinctiveness habitat loss biodiversity value	Medium-High distinctiveness habitat loss biodiversity value	Medium distinctiveness habitat loss biodiversity value	Medium-Low distinctiveness habitat loss biodiversity value	Low distinctiveness habitat loss biodiversity value
Direct impacts							
Grassland: Unimproved neutral grassland	0.71	High	12.78	0.00	0.00	0.00	0.00
Grassland: Unimproved neutral grassland	0.05	High	0.6	0.00	0.00	0.00	0.00
Grassland: Unimproved neutral grassland		High		0.00	0.00	0.00	0.00
Grassland: Semi-improved neutral grassland		Medium	0.00	0.00		0.00	0.00
Grassland: Semi-improved neutral grassland	0.05	Medium	0.00	0.00	0.4	0.00	0.00
Grassland: Semi-improved neutral grassland		Medium	0.00	0.00		0.00	0.00
Grassland: Unimproved calcareous grassland		High	0.00	0.00	0.00	0.00	0.00
Grassland: Unimproved calcareous grassland	10.97	High	131.64	0.00	0.00	0.00	0.00
Grassland: Unimproved calcareous grassland		High		0.00	0.00	0.00	0.00
Grassland: Semi-improved calcareous grassland		Medium-High	0.00		0.00	0.00	0.00
Grassland: Semi-improved calcareous grassland		Medium-High	0.00		0.00	0.00	0.00
Grassland: Semi-improved calcareous grassland	0.21	Medium-High	0.00	1.05	0.00	0.00	0.00
Grassland: Poor semi-improved grassland		Medium-Low	0.00	0.00	0.00		0.00
Grassland: Poor semi-improved grassland		Medium-Low	0.00	0.00	0.00		0.00
Grassland: Poor semi-improved grassland	17.14	Medium-Low	0.00	0.00	0.00	51.42	0.00
Grassland: Improved grassland		Low	0.00	0.00	0.00	0.00	
Grassland: Set-aside / Arable field margins	0.41	High	7.38	0.00	0.00	0.00	0.00
Other: Arable	19.69	Low	0.00	0.00	0.00	0.00	39.38
Woodland: Broad-leaved plantation	0.31	Medium	0.00	0.00	1.24	0.00	0.00
Woodland: Coniferous plantation	0.24	Low	0.00	0.00	0.00	0.00	0.48
Woodland: Mixed plantation	0.55	Low	0.00	0.00	0.00	0.00	1.1
Woodland: Dense continuous scrub	1.34	Medium-Low	0.00	0.00	0.00	8.04	0.00
Other: Ephemeral/short perennial	2.10	Low	0.00	0.00	0.00	0.00	8.4
Built Environment: Buildings/hardstanding		none	0.00	0.00	0.00	0.00	0.00
Grassland: Amenity grassland	12.06	Low	0.00	0.00	0.00	0.00	24.12
Other: Arable	3.47	Low	0.00	0.00	0.00	0.00	6.94
Woodland: Dense continuous scrub	0.03	Medium-Low	0.00	0.00	0.00	0.09	0.00
Wetland: Standing water	0.02	High	0.12	0.00	0.00	0.00	0.00
Other: Tall ruderal	0.39	Medium-Low	0.00	0.00	0.00	2.34	0.00
Other: Arable	27.35	Low	0.00	0.00	0.00	0.00	54.7
Indirect impacts							
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
TOTAL	97.09		152.52	1.05	1.64	61.89	135.12

Proposed Site

Proposed habitat creation	Area of habitat creation	Distinctiveness	High distinctiveness proposed biodiversity value	Medium-High distinctiveness proposed biodiversity value	Medium distinctiveness proposed biodiversity value	Medium-Low distinctiveness proposed biodiversity value	Low distinctiveness proposed biodiversity value
Woodland: Broad-leaved plantation	6.72	Medium	0.00	0.00	25.60	0.00	0.00
Grassland: Unimproved calcareous grassland	3.47	High	29.74	0.00	0.00	0.00	0.00
Built Environment: Buildings/hardstanding	49.46	none	0.00	0.00	0.00	0.00	0.00
Built Environment: Gardens (lawn and planting)	10.00	Low	0.00	0.00	0.00	0.00	14.29
Grassland: Unimproved calcareous grassland	27.35	High	234.43	0.00	0.00	0.00	0.00
Woodland: Orchard	0.99	High	8.49	0.00	0.00	0.00	0.00
Grassland: Amenity grassland	0.56	Low	0.00	0.00	0.00	0.00	0.93
Wetland: Standing water	0.04	High	0.27	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00	0.00
TOTAL	115.09		272.92	0.00	84.53	0.00	15.22

Trading Down Correction

	High	Medium-High	Medium	Medium-Low	Low	
Value of existing habitat loss per distinctiveness	152.52	1.05	1.64	61.89	135.12	
Value of created habitats per distinctiveness	272.92	0.00	84.53	0.00	15.22	
Would this result in trading down habitats?	Never	No	No	No	No	
If no, value each distinctiveness still requiring compensation	0	0	0	0	119.90	
Surplus gain to be carried over to compensate loss of lower habitats (rolls over)	120.40	119.35	202.24	140.35	n/a	Total
Trading down correction value	n/a	0	0	0	0	0.00

This calculator assess whether there is any down trading in habitats value. E.g. loss of high distinctiveness habitat cannot be compensated for by surplus medium mitigation. It calculates a correction value which enters into the primary calculator to take this into account. Such that the full level of high habitat loss compensation is required. However if additional medium gain is generated above the value of the high loss, this surplus is still be taken into account with on site gain.

CAUTION - Destruction of habitats of high distinctiveness, e.g. lowland meadow or ancient woodland, may be against local policy. Has the mitigation hierarchy been followed, can impact to these habitats be avoided?
Any unavoidable loss of habitats of high distinctiveness must be replaced like-for like.

Linear trading down correction calculator

Existing Site

Existing linear features	length of loss (km)	Distinctiveness	High distinctiveness linear loss biodiversity value	Medium-High distinctiveness linear loss biodiversity value	Medium distinctiveness linear loss biodiversity value	Medium-Low distinctiveness linear loss biodiversity value	Low distinctiveness linear loss biodiversity value
Direct impacts							
Hedges: Intact hedge	0.06	Medium	0.00	0.00	0.44	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
TOTAL	0.06		0.00	0.00	0.44	0.00	0.00
Indirect impacts							
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
-	-	-	0.00	0.00	0.00	0.00	0.00
TOTAL			0.00	0.00	0.00	0.00	0.00

Proposed Site

Proposed linear creation	Length of feature (km)	Distinctiveness	High distinctiveness proposed linear biodiversity value	Medium-High distinctiveness proposed linear biodiversity value	Medium distinctiveness proposed linear biodiversity value	Medium-Low distinctiveness proposed linear biodiversity value	Low distinctiveness proposed linear biodiversity value
Hedges: Native species rich hedge with trees	4.50	High	31.76	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
Proposed linear enhancement	Length	Distinctiveness	High	Medium-High	Medium	Medium-Low	Low
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
-	0.00	-	0.00	0.00	0.00	0.00	0.00
TOTAL	4.50		31.76	0.00	0.00	0.00	0.00

Linear trading down correction

	High	Medium-High	Medium	Medium-Low	Low	
Value of existing habitat loss per distinctiveness	0.00	0.00	0.44	0.00	0.00	
Value of created habitats per distinctiveness	31.76	0.00	0.00	0.00	0.00	
Would this result in trading down habitats?	Never	No	No	No	No	
If no, value each distinctiveness still requiring compensation	0	0	0	0	0.00	
Surplus gain to be carried over to compensate loss of lower habitats (rolls over)	31.76	31.76	31.32	31.32	n/a	Total
Trading down correction value	n/a	0	0	0	0	0.00

This calculator assess whether there is any down trading in linear habitats. E.g. loss of high distinctiveness habitat and surplus creation of medium or low habitats. It calculates a correction value which enters into the primary calculator to take this into account. Such that the full level of high habitat loss compensation is required. However if additional medium gain is generated above the value of the high loss, this surplus is still be taken into account with on site gain.

CAUTION - Destruction of each habitat of medium distinctiveness and above should be mitigated for with creation/restoration of a similar habitat. Trading up of habitat type is encouraged.