

Small Sites Metric (Biodiversity Metric 4.0)

Release Date:

March 2023

ISBN: 978-1-7393388-0-0

Cell style conventions

	Enter data
	Automated equation
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▲	Error
⚠	Attention required
	Use of this cell is not required



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Technical Requirements - Excel Versions: 2010, 2013, 2016, 2019, Office 365, Excel for Android

Sheet Name	Site Details
1. Planning authority:	Kirklees
2. Site name:	140A Manchester Road, Huddersfield.
3. Applicant:	
4. Planning application type:	
5. Planning application reference:	
6. Metric completed by (name & job title):	Derek Whitcher
7. Date of metric completion:	01 February 2024
8. Revision number:	
9. Masterplan document title / drawing number:	

Net Gain Targets

10. Targeted % increase in Units	10a. Habitat	10.00
	10b. Hedgerow	10.00
	10c. River	10.00

11. Targeted increase in Units if baseline value is zero - agreed with local planning authority	11a. Habitat units	0.00
	11b. Hedgerow units	0.00
	11c. River units	0.00

For planning authority use only

12. Planning authority reviewer:	
13. Date of planning authority review:	

Site Name:	140A Manchester Road, Huddersfield.
Sheet Name	Desktop Assessment

Development

14. Select the type of proposed development. If Other provide details at Q.24 below		
15. Site area (m ²)		

Designated sites and priority habitats

18. Any designated sites on or within 500m of the site?		
19. Any priority habitats on or within 500m of the site?		
20. List the designated sites and/or priority habitats		
21. Information sources used for assessment of designated sites and priority habitats (See guidance)		

Site walkover

22. Site walkover completed?		
23. Date of site walkover - DD/MM/YY		Walkover date required ▲
24. Who completed the walkover? (Name and job title)		

Additional details

25. Any additional information or notes		
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Site Name: 140A Manchester Road, Huddersfield.
 Sheet Name: 5. Area Habitats

Instructions
 1. Enter data into 1a. Baseline habitats table
 2. Enter data on habitats to be created into 1b. Habitats to be created
 3. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced
 4. Enter data on individual trees into 1d. Tree area calculator

Rule Based Errors Present On Sheet - Red Cells Or ▲ Highlight Errors

Lost Units	2.1323
Distinction Units	0.0000
Enhancement Units	0.0000
Net Change	-2.1323

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Areas (m ²)			Baseline results		Comments		
	A. Broad Habitat	B. Habitat type		D. Total Area	E. Area retained	F. Area enhanced	Total habitat units created	Area Lost	Units lost	User comments	LPA comments
1	Grassland	Modified grassland	Area/compensation not in local strategy/ no local strategy	787.00			0.31	787.00	0.315		
2	Heathland and shrub	Mixed scrub	Area/compensation not in local strategy/ no local strategy	166.00			0.13	166.00	0.133		
3	Urban	Developed land, sealed surface	Area/compensation not in local strategy/ no local strategy	204.00			0.00	204.00	0.000		
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
Trees	Individual trees	Urban/rural tree	Formally identified in local strategy	3994.00	162.78	0.00	1.6345	1801.25	1.6667		
				Totals (Area and Trees)			3.2690	1801.25	1.7331		
				Error Check 1							
				Error Check 2							
				Error Check 3							
				Error: Areas Entered Does Not Match Stated Site Area							

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Acceptable condition options	Condition Assessment		D. Strategic significance	E. Total Area (m ²)	Habitat units created onsite	Comments	
				C. Targeted condition					User comments	LPA comments
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
Trees	Individual trees	Urban/rural tree	Moderate	Moderate	Area/compensation not in local strategy/ no local strategy	0.00	0.0000			
				Totals (Area and Trees)			0.00			
				Error Check 4						
				Error: Area of habitat creation does not match area						

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhanced Habitat type		B. Strategic significance	Area Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
	Broad habitat type	Existing habitat type	Enhancement Type	A. Enhanced habitat type						User comments	LPA comments
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
Trees	Individual trees	Urban/rural tree	Condition	Urban/rural tree	Area/compensation not in local strategy/ no local strategy	0.00	Good	0.0000	0.0000		
				Totals (Area and Trees)				0.0000	0.0000		

1d. - Tree area calculator

Tree size (Diameter at breast height)	A. Total number of trees pre development	B. Number of trees retained (but not enhanced)	C. Number of trees enhanced	D. Number of new trees planned post development	Areas			
					Area pre development	Area retained	Area Enhanced by development	Area of new trees planned post development
Small - DBH ≤ 30cm	4	4	0	0	167	167	0	0
Medium - DBH > 30 to < 90cm	2	0	0	0	1831	0	0	0
Large - DBH > 90cm	0	0	0	0	0	0	0	0
Total	6	4	0	0	1998	167	0	0

Data beyond this row is automated

1e. Trading Summary

Broad Habitat Type	Error - Trading Rules Not Satisfied - Insufficient Medium Distinctiveness Units Created ▲
Distinctiveness Band	Error - Trading Rules Not Satisfied - Insufficient Units Created Within Habitat Groups ▲

1f. Habitat trading assessment

Broad habitat types	Distinctiveness band	Baseline units	Onsite provision	Net change	Trading satisfied?
Cropland	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.1748	0.0000	-0.1748	No ▲
Grassland	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Heathland and shrub	High	0.1328	0.0000	-0.1328	No ▲
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Intertidal hard structures	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Intertidal sediment	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Lakes	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Sparsely vegetated land	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Urban	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Woodland and forest	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Coastal saltmarsh	High	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	Low	0.0000	0.0000	0.0000	N/A
Individual trees	High	0.8445	0.1480	-0.6965	No ▲
	Medium	0.8445	0.1480	-0.6965	No ▲
	Low	0.8445	0.1480	-0.6965	No ▲
Distinctiveness band		Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness		1.9673	0.150	-1.8175	No ▲
Low distinctiveness		0.3148	0.000	-0.3148	No ▲
Are there sufficient Medium distinctiveness units to cover low distinctiveness losses?				-3.1323	No ▲

Site Name: 140A Manchester Road, Huddersfield.
 Sheet Name: 6. Hedges & Lines of Trees

Instructions:
 1. Enter data into 1a. Baseline habitats
 2. Enter data on habitats to be created into 1b. Habitats to be created
 3. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced

Rule Based Errors Present On Sheet - Red Cells Or Highlight Errors

Retained Units	0.0000
Lost Units	0.1320
Created Units	0.0000
Enhancement Units	0.0000
Net Change	-0.1320

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Length (m)			Baseline results			Comments	
	A. Broad Habitat	B. Habitat type		D. Total Length	E. Length retained	F. Length enhanced	Total units onsite	Length Lost	Units lost	User comments	LPA comments
1	Hedgerows and Lines of trees	Non-native and ornamental hedgerow	Area/compensation not in local strategy/ no local strategy	60.00			0.0000	60.00	0.0000		
2	Hedgerows and Lines of trees	Native hedgerow	Area/compensation not in local strategy/ no local strategy	33.00			0.1320	33.00	0.1320		
3	Hedgerows and Lines of trees										
4	Hedgerows and Lines of trees										
5	Hedgerows and Lines of trees										
6	Hedgerows and Lines of trees										
7	Hedgerows and Lines of trees										
8	Hedgerows and Lines of trees										
9	Hedgerows and Lines of trees										
10	Hedgerows and Lines of trees										
11	Hedgerows and Lines of trees										
12	Hedgerows and Lines of trees										
13	Hedgerows and Lines of trees										
14	Hedgerows and Lines of trees										
15	Hedgerows and Lines of trees										
16	Hedgerows and Lines of trees										
17	Hedgerows and Lines of trees										
18	Hedgerows and Lines of trees										
19	Hedgerows and Lines of trees										
20	Hedgerows and Lines of trees										
Totals				93.00	0.00	0.00	0.1320	93.00	0.1320		
Error Check 1				Lengths Acceptable ✓							
Error Check 2				Lengths Acceptable ✓							

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Condition Assessment		D. Strategic significance	E. Total Length created (m)	Units created on-site	Comments	
			Acceptable condition options	C. Targeted condition				User comments	LPA comments
1	Hedgerows and Lines of trees								
2	Hedgerows and Lines of trees								
3	Hedgerows and Lines of trees								
4	Hedgerows and Lines of trees								
5	Hedgerows and Lines of trees								
6	Hedgerows and Lines of trees								
7	Hedgerows and Lines of trees								
8	Hedgerows and Lines of trees								
9	Hedgerows and Lines of trees								
10	Hedgerows and Lines of trees								
11	Hedgerows and Lines of trees								
12	Hedgerows and Lines of trees								
13	Hedgerows and Lines of trees								
14	Hedgerows and Lines of trees								
15	Hedgerows and Lines of trees								
16	Hedgerows and Lines of trees								
17	Hedgerows and Lines of trees								
18	Hedgerows and Lines of trees								
19	Hedgerows and Lines of trees								
20	Hedgerows and Lines of trees								
Totals						0.00	0.0000		
Error Check 1						Lengths Acceptable ✓			

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhancement Type	Enhanced Habitat type		B. Strategic significance	Length Enhanced (m)	Enhanced Condition	Total Units	Net Improvement	Comments	
	Broad habitat type	Existing habitat type		A. Enhanced habitat type							User comments	LPA comments
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
Totals							0.00		0.0000	0.0000		

Data beyond this row is automated

1e. Trading Summary

Broad Habitat Type	Trading Rules Satisfied ✓
Distinctiveness Band	Error - Trading Rules Not Satisfied - Insufficient Units Created Within Habitat Groups ▲

1f. Habitat trading assessment

Broad habitat types	Distinctiveness band	Baseline units	Onsite provision	Net change	Trading satisfied?
Hedgerows and Lines of trees	Low	0.1320	0.0000	-0.1320	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Distinctiveness band		Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness		0.0000	0.0000	0.0000	Yes ✓
Low distinctiveness		0.1320	0.0000	-0.1320	No ▲
Are there sufficient Medium distinctiveness units to cover low distinctiveness losses?			0.1320		No ▲

Site Name: 140A Manchester Road, Huddersfield.
 Sheet Name: 7. Watercourses

Instructions:
 1. Enter data into 1a. Baseline habitats
 2. Enter data on habitats to be created into 1b. Habitats to be created
 3. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced

All Key Rules Satisfied ✓

Retained Units	0.0000
Lost Units	0.0000
Created Units	0.0000
Enhancement Units	0.0000
Net Change	0.0000

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Length M			Baseline results			Comments	
	A. Broad Habitat	B. Habitat type		D. Total Length	E. Length retained	F. Length enhanced	Total units onsite	Length Lost	Units lost	User comments	LPA comments
1	Watercourses										
2	Watercourses										
3	Watercourses										
4	Watercourses										
5	Watercourses										
6	Watercourses										
7	Watercourses										
8	Watercourses										
9	Watercourses										
10	Watercourses										
11	Watercourses										
12	Watercourses										
13	Watercourses										
14	Watercourses										
15	Watercourses										
16	Watercourses										
17	Watercourses										
18	Watercourses										
19	Watercourses										
20	Watercourses										
Totals				0.00	0.00	0.00	0.0000	0.00	0.0000		
Error Check 1				Lengths Acceptable ✓							
Error Check 2				Lengths Acceptable ✓							

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Condition Assessment		D. Strategic significance	E. Total Length created (m)	Units created onsite	Comments		
			Acceptable condition options	C. Targeted condition				User comments	LPA comments	
1	Watercourses									
2	Watercourses									
3	Watercourses									
4	Watercourses									
5	Watercourses									
6	Watercourses									
7	Watercourses									
8	Watercourses									
9	Watercourses									
10	Watercourses									
11	Watercourses									
12	Watercourses									
13	Watercourses									
14	Watercourses									
15	Watercourses									
16	Watercourses									
17	Watercourses									
18	Watercourses									
19	Watercourses									
20	Watercourses									
Totals						0.00		0.0000		

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhanced Habitat type		B. Strategic significance	Length Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
	A. Broad habitat type	B. Existing habitat type	C. Enhancement Type	A. Enhanced habitat type						User comments	LPA comments
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
Totals						0.00		0.0000	0.0000		

Data beyond this row is automated

1e. Trading Summary

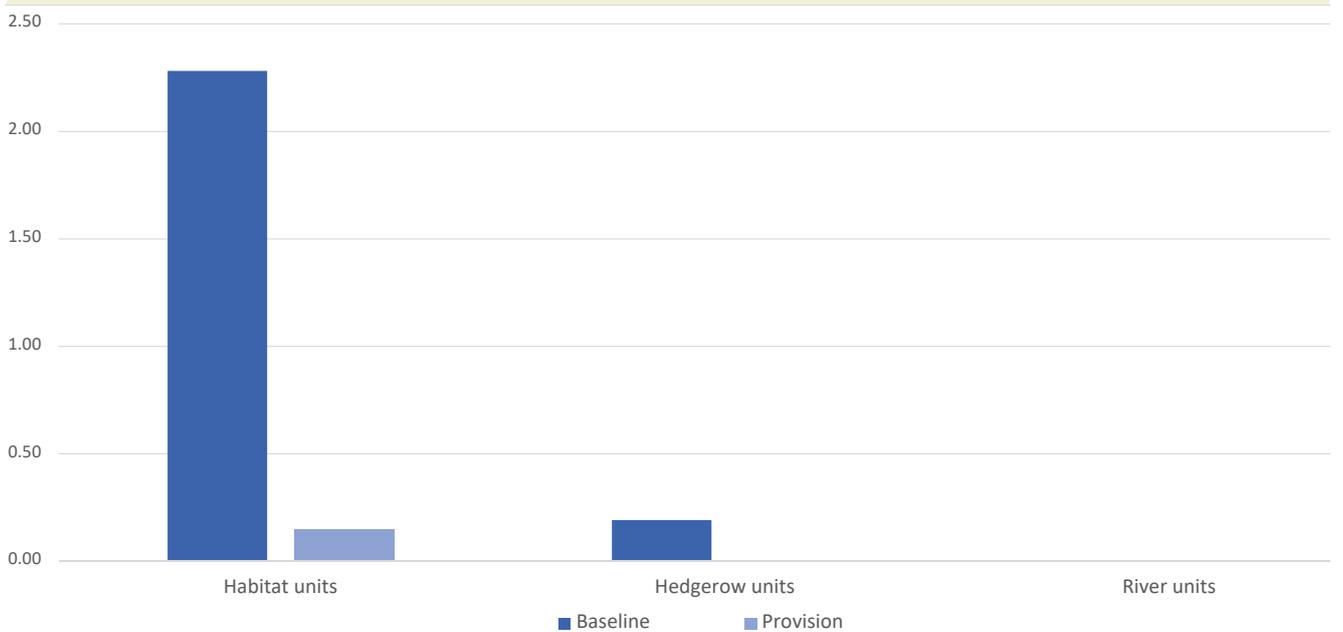
Broad Habitat Type	Trading Rules Satisfied ✓
Distinctiveness Band	Trading Rules Satisfied ✓

1f. Habitat trading assessment

Broad habitat types	Distinctiveness band	Baseline units	Onsite provision	Net change	Trading satisfied?
Watercourses	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Distinctiveness band		Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness		0.0000	0.000	0.0000	Yes ✓
Low distinctiveness		0.0000	0.0000	0.0000	Yes ✓
Are there sufficient Medium distinctiveness units to cover low distinctiveness losses?			0.0000		Yes ✓

Site Name	140A Manchester Road, Huddersfield.	
Sheet Name	Headline Results	
Headline Results		
Headline	BNG Targets Not Met ▲	
Trading Rules	Trading Rules Not Satisfied ▲	
Next steps	Scheme alterations or offsite units required	
If BNG targets cannot be reached on-site, the main Biodiversity Metric 4.0 should be us		
Baseline Units	Habitat units	2.2821
	Hedgerow units	0.1920
	River units	Zero Units Baseline
Post-development Units	Habitat units	0.1498
	Hedgerow units	0.0000
	River units	0.0000
Total net unit change	Habitat units	-2.1323
	Hedgerow units	-0.1920
	River units	0.0000
Total net % change	Habitat units	-93.44%
	Hedgerow units	-100.00%
	River units	% target not appropriate
Habitats units required to meet target		2.1323
Hedgerow units required to meet target		0.1920
River units required to meet target		0.0000

Chart 1 - Unit change by habitat group



9. All Habitats + Multipliers - [general technical information for reference purposes only]							
Ref	Habitat Type		Distinctiveness Category	Distinctiveness		Risk Multipliers	
	Habitat Type	Broad Habitat Group		Trading Notes	Technical Difficulty Creation	Technical Difficulty Enhancement	
1	Arable field margins cultivated annually	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
2	Arable field margins game bird mix	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
3	Arable field margins pollen and nectar	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
4	Arable field margins tussocky	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
5	Cereal crops	Cropland	Low	Same distinctiveness or better habitat required	Low	Low	
6	Winter stubble	Cropland	Low	Same distinctiveness or better habitat required	Low	Low	
7	Horticulture	Cropland	Low	Same distinctiveness or better habitat required	Low	Low	
8	Intensive orchards	Cropland	Low	Same distinctiveness or better habitat required	Low	Low	
9	Non-cereal crops	Cropland	Low	Same distinctiveness or better habitat required	Low	Low	
10	Temporary grass and clover leys	Cropland	Low	Same distinctiveness or better habitat required	Low	Low	
11	Bracken	Grassland	Low	Same distinctiveness or better habitat required	Low	Low	
12	Modified grassland	Grassland	Low	Same distinctiveness or better habitat required	Low	Low	
13	Other lowland acid grassland	Grassland	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
14	Other neutral grassland	Grassland	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
15	Upland acid grassland	Grassland	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
16	Blackthorn scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
17	Bramble scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
18	Gorse scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
19	Hawthorn scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
20	Hazel scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Medium	
21	Mixed scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
22	Rhododendron scrub	Heathland and shrub	Low	Same distinctiveness or better habitat required	Low	Low	
23	Other sea buckthorn scrub	Heathland and shrub	Low	Same distinctiveness or better habitat required	Low	Low	
24	Willow scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
25	Ornamental lake or pond	Lakes	Low	Same distinctiveness or better habitat required	Low	High	
26	Fonds (non-priority habitat)	Lakes	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Medium	
27	Reservoirs	Lakes	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Medium	
28	Ruderal/ephemeral	Sparsely vegetated land	Low	Same distinctiveness or better habitat required	Low	Medium	
29	Other inland rock and scree	Sparsely vegetated land	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Medium	
30	Tall forbs	Sparsely vegetated land	Low	Same distinctiveness or better habitat required	Low	Medium	
31	Allotments	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
32	Artificial unvegetated, unsealed surface	Urban	V.Low	Compensation Not Required	Low	Low	
33	Bioswale	Urban	Low	Same distinctiveness or better habitat required	Medium	Low	
34	Biodiverse green roof	Urban	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Low	
35	Built linear features	Urban	V.Low	Compensation Not Required	Low	Low	
36	Cemeteries and churchyards	Urban	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Low	
37	Developed land; sealed surface	Urban	V.Low	Compensation Not Required	Low	Medium	
38	Intensive green roof	Urban	Low	Same distinctiveness or better habitat required	Medium	Medium	
39	Facade bound green wall	Urban	Low	Same distinctiveness or better habitat required	Medium	Medium	
40	Ground based green wall	Urban	Low	Same distinctiveness or better habitat required	Medium	Medium	
41	Ground level planters	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
42	Other green roof	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
43	Introduced shrub	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
44	Rain garden	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
45	Actively worked sand pit quarry or open cast mine	Urban	Low	Same distinctiveness or better habitat required	Medium	Medium	
46	Urban/ruin tree	Individual trees	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
47	Sustainable drainage system	Urban	Low	Same distinctiveness or better habitat required	Medium	Medium	
48	Unvegetated garden	Urban	V.Low	Compensation Not Required	Low	Low	
49	Vacant or derelict land	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
50	Vegetated garden	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
51	Bare ground	Urban	Low	Same distinctiveness or better habitat required	Low	Low	
52	Other coniferous woodland	Woodland and forest	Low	Same distinctiveness or better habitat required	Low	Low	
53	Other Scot's pine woodland	Woodland and forest	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Medium	
54	Other woodland; broadleaved	Woodland and forest	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
55	Other woodland; mixed	Woodland and forest	Medium	Same broad habitat or a higher distinctiveness habitat required	Low	Low	
56	Littoral coarse sediment	Intertidal sediment	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Medium	
57	Artificial saltmarshes and saline reedbeds	Coastal saltmarsh	Low	Same distinctiveness or better habitat required	High	Medium	
58	Artificial littoral coarse sediment	Intertidal sediment	Low	Same distinctiveness or better habitat required	Medium	Medium	
59	Artificial littoral mud	Intertidal sediment	Low	Same distinctiveness or better habitat required	High	Medium	
60	Artificial littoral sand	Intertidal sediment	Low	Same distinctiveness or better habitat required	Medium	Medium	
61	Artificial littoral muddy sand	Intertidal sediment	Low	Same distinctiveness or better habitat required	High	Medium	
62	Artificial littoral mixed sediments	Intertidal sediment	Low	Same distinctiveness or better habitat required	High	Medium	
63	Artificial littoral seagrass	Intertidal sediment	Low	Same distinctiveness or better habitat required	High	High	
64	Artificial littoral biogenic reefs	Intertidal sediment	Low	Same distinctiveness or better habitat required	High	Medium	
65	Littoral sand	Intertidal sediment	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Medium	
66	Artificial hard structures	Intertidal hard structures	Low	Same distinctiveness or better habitat required	Medium	Medium	
67	Artificial features of hard structures	Intertidal hard structures	Low	Same distinctiveness or better habitat required	Medium	Medium	
68	Artificial hard structures with integrated greening of grey infrastructure (IGGI)	Intertidal hard structures	Medium	Same broad habitat or a higher distinctiveness habitat required	Medium	Medium	
69	Species-rich native hedgerow	Hedgerows and Lines of trees	Medium	Like for like or better	Low	Low	
70	Native hedgerow - associated with bank or ditch	Hedgerows and Lines of trees	Medium	Like for like or better	Low	Low	
71	Native hedgerow with trees	Hedgerows and Lines of trees	Medium	Like for like or better	Low	Low	
72	Native hedgerow	Hedgerows and Lines of trees	Low	Same distinctiveness or better habitat required	Low	Low	
73	Non-native and ornamental hedgerow	Hedgerows and Lines of trees	V.Low	Compensation Not Required	Low	Low	
74	Line of trees	Hedgerows and Lines of trees	Low	Same distinctiveness or better habitat required	Low	Low	
75	Ecologically valuable line of trees	Hedgerows and Lines of trees	Medium	Like for like or better	Low	Low	
76	Line of trees - associated with bank or ditch	Hedgerows and Lines of trees	Low	Same distinctiveness or better habitat required	Low	Low	
77	Ecologically valuable line of trees - associated with bank or ditch	Hedgerows and Lines of trees	Medium	Like for like or better	Low	Low	
78	Ditches	Rivers	Medium	Restore	Low	Medium	
79	Canals	Rivers	Medium	Restore	Low	Medium	
80	Culvert	Rivers	Low	Restore	Low	Medium	
81							
82							
83							
84							
85							
86							
87							
88							
89							
90							
91							
92							
93							
94							
95							
96							
97							
98							
99							

Habitat Type

Arable field margins cultivated annually

Arable field margins game bird mix

Arable field margins pollen and nectar

Arable field margins tussocky

Cereal crops

Winter stubble

Horticulture

Intensive orchards

Non-cereal crops

Temporary grass and clover leys

Bracken

Modified grassland

Other lowland acid grassland

Other neutral grassland

Upland acid grassland

Blackthorn scrub

Bramble scrub

Gorse scrub

Hawthorn scrub

Hazel scrub

Mixed scrub

Rhododendron scrub

Other sea buckthorn scrub
Willow scrub
Ornamental lake or pond
Ponds (non-priority habitat)
Reservoirs
Ruderal/Ephemeral
Other inland rock and scree
Tall forbs
Allotments
Artificial unvegetated, unsealed surface
Bioswale
Biodiverse green roof
Built linear features
Cemeteries and churchyards
Developed land; sealed surface
Other green roof
Facade-bound green wall
Ground based green wall
Ground level planters
Intensive green roof
Introduced shrub
Rain garden
Actively worked sand pit quarry or open cast mine
Urban/rural tree
Sustainable drainage system
Unvegetated garden
Vacant or derelict land
Vegetated garden
Bare ground
Other coniferous woodland
Other Scot's pine woodland
Other woodland; broadleaved
Other woodland; mixed
Littoral coarse sediment
Artificial saltmarshes and saline reedbeds
Artificial littoral coarse sediment
Artificial littoral mud
Artificial littoral sand
Artificial littoral muddy sand
Artificial littoral mixed sediments
Artificial littoral seagrass
Artificial littoral biogenic reefs
Littoral sand
Artificial hard structures
Artificial features of hard structures

Baseline Default Condition	Creation Condition Options
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Condition Assessment N/A	Condition Assessment N/A
Moderate	Moderate, Good
Condition Assessment N/A	Condition Assessment N/A
Moderate	Moderate, Good
Condition Assessment N/A	Condition Assessment N/A

Condition
Enhancement Habitat options
Enhancement not possible
Arable field margins cultivated annually, Arable field margins game bird mix, Arable field margins pollen and nectar, Arable field margins tussocky
Enhancement not possible
Arable field margins cultivated annually, Arable field margins game bird mix, Arable field margins pollen and nectar, Arable field margins tussocky
Arable field margins cultivated annually, Arable field margins game bird mix, Arable field margins pollen and nectar, Arable field margins tussocky
Arable field margins cultivated annually, Arable field margins game bird mix, Arable field margins pollen and nectar, Arable field margins tussocky
Other lowland acid grassland, Other neutral grassland, Upland acid grassland
Other lowland acid grassland, Other neutral grassland, Upland acid grassland
Modified grassland, Other lowland acid grassland, Other neutral grassland, Upland acid grassland
Other lowland acid grassland
Other neutral grassland
Upland acid grassland
Blackthorn scrub
Blackthorn scrub, Gorse scrub, Hawthorn scrub, Hazel scrub, Mixed scrub, Willow scrub
Gorse scrub
Hawthorn scrub
Hazel scrub
Mixed scrub
Blackthorn scrub, Gorse scrub, Hawthorn scrub, Hazel scrub, Mixed scrub, Willow scrub

Blackthorn scrub, Gorse scrub, Hawthorn scrub, Hazel scrub, Mixed scrub, Willow scrub
Willow scrub
Ornamental lake or pond, Ponds (non-priority habitat)
Ponds (non-priority habitat)
Reservoirs
Ruderal/Ephemeral
Other inland rock and scree
Tall forbs
Allotments
Enhancement not possible
Bioswale
Biodiverse green roof
Enhancement not possible
Cemeteries and churchyards
Enhancement not possible
Enhancement not possible
Facade-bound green wall
Ground based green wall
Enhancement not possible
Other green roof, Biodiverse green roof
Enhancement not possible
Rain garden
Other inland rock and scree
Urban/rural tree
Sustainable drainage system
Enhancement not possible
Vacant or derelict land
Enhancement not possible
Bare ground
Other Scot's pine woodland, Other woodland; broadleaved, Other woodland; mixed
Other Scot's pine woodland
Other woodland; broadleaved
Other woodland; mixed
Littoral coarse sediment
Artificial saltmarshes and saline reedbeds
Artificial littoral coarse sediment
Artificial littoral mud
Artificial littoral sand
Artificial littoral muddy sand
Artificial littoral mixed sediments
Artificial littoral seagrass
Artificial littoral biogenic reefs
Littoral sand
Artificial hard structures
Artificial features of hard structures

Condition and Temporal - general technical information for reference purposes

EnhancementDefault Condition	Years To Target Condition Creation - Moderate	Years To Target Condition Creation - Good
	Moderate	Good
Condition Assessment N/A	Not Possible	Not Possible
Condition Assessment N/A	Not Possible	Not Possible
Condition Assessment N/A	Not Possible	Not Possible
Condition Assessment N/A	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Condition Assessment N/A	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Good	4	7
Good	10	15
Good	5	10
Good	10	15
Good	5	10
Not Possible	Not Possible	Not Possible
Good	5	10
Good	5	10
Good	10	15
Good	5	10
Not Possible	Not Possible	Not Possible

Not Possible	Not Possible	Not Possible
Good	5	10
Good	3	5
Good	3	5
Good	5	10
Good	3	5
Good	10	20
Good	3	5
Good	1	1
Not Possible	Not Possible	Not Possible
Good	1	3
Good	5	10
Not Possible	Not Possible	Not Possible
Good	15	20
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Good	3	5
Good	3	5
Not Possible	Not Possible	Not Possible
Good	3	5
Not Possible	Not Possible	Not Possible
Good	3	5
Not Possible	Not Possible	Not Possible
Good	27	30+
Good	3	5
Not Possible	Not Possible	Not Possible
Good	3	5
Not Possible	Not Possible	Not Possible
Good	3	5
Good	3	5
Good	30	30+
Good	30+	30+
Good	30+	30+
Good	30	30+
Good	1	3
Good	7	15
Good	1	3
Good	3	6
Good	1	4
Good	3	5
Good	3	5
Good	10	20
Good	5	15
Good	1	4
Good	5	15
Good	4	13

nly)

Temporal Mu

Years To Target Condition Creation - Poor	Years To Target Condition Creation - Condition assessment N/A	Years To Target Condition Creation - N/A Other
Poor	Condition Assessment N/A	N/A - Other
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	1	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	1	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	Not Possible	Not Possible
Not Possible	1	Not Possible



Multipliers

Time To Target Condition Enhancement - Moderate to Good	Time To Target Distinctivenss Enhancement - Low to Default Condition
Not Possible	1
Not Possible	Not Possible
Not Possible	1
Not Possible	Not Possible
10	15
10	15
10	15
10	15
3	10
Not Possible	Not Possible
3	10
3	10
7	15
3	10
Not Possible	Not Possible

Not Possible	Not Possible
3	10
4	5
4	5
20	10
2	Not Possible
10	20
2	Not Possible
1	1
Not Possible	Not Possible
2	3
5	10
Not Possible	Not Possible
15	20
Not Possible	Not Possible
2	5
2	5
2	5
Not Possible	Not Possible
5	10
Not Possible	Not Possible
1	1
Not Possible	Not Possible
16	Not Possible
2	5
Not Possible	Not Possible
1	Not Possible
Not Possible	Not Possible
1	Not Possible
7	Not Possible
15	30+
10	25
10	25
2	Not Possible
14	Not Possible
2	Not Possible
4	Not Possible
3	Not Possible
4	Not Possible
2	Not Possible
20	Not Possible
6	Not Possible
3	Not Possible
12	Not Possible
11	Not Possible

Enhancement Rules

Enhancement not possible

Enhancement not possible

Enhancement not possible

Enhancement not possible

Condition enhancement not possible, enhancement to any medium distinctiveness cropland habitat only

Enhancement not possible

Condition enhancement not possible, enhancement to any medium distinctiveness cropland habitat only

Condition enhancement not possible, enhancement to any medium distinctiveness cropland habitat only

Condition enhancement not possible, enhancement to any medium distinctiveness cropland habitat only

Condition enhancement not possible, enhancement to any medium distinctiveness grassland habitat only

Condition enhancement not possible, enhancement to any medium distinctiveness grassland habitat only

Condition enhancement or enhancement to any medium distinctiveness grassland habitat

Condition enhancement only

Condition enhancement only

Condition enhancement only

Condition enhancement only

Condition enhancement not possible, enhancement to any medium distinctiveness habitat in heathland or shrub habitat only

Condition enhancement not possible, enhancement to any medium distinctiveness habitat in heathland or shrub habitat only

Distinctiveness categories	
Distinctiveness Category	Distinctiveness Score
Medium	4
Low	2
V.Low	0
High	6

Suggested Action
Same broad habitat or a higher distinctiveness habitat required
Same distinctiveness or better habitat required
Compensation Not Required
Same broad habitat or a higher distinctiveness habitat required

Condition Multiplier
Good
Moderate
Poor
Condition Assessment N/A
N/A - Other

Condition categories
Condition Assessment Score
3
2
1
1
0

Temporal multipliers

Year

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

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28

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30

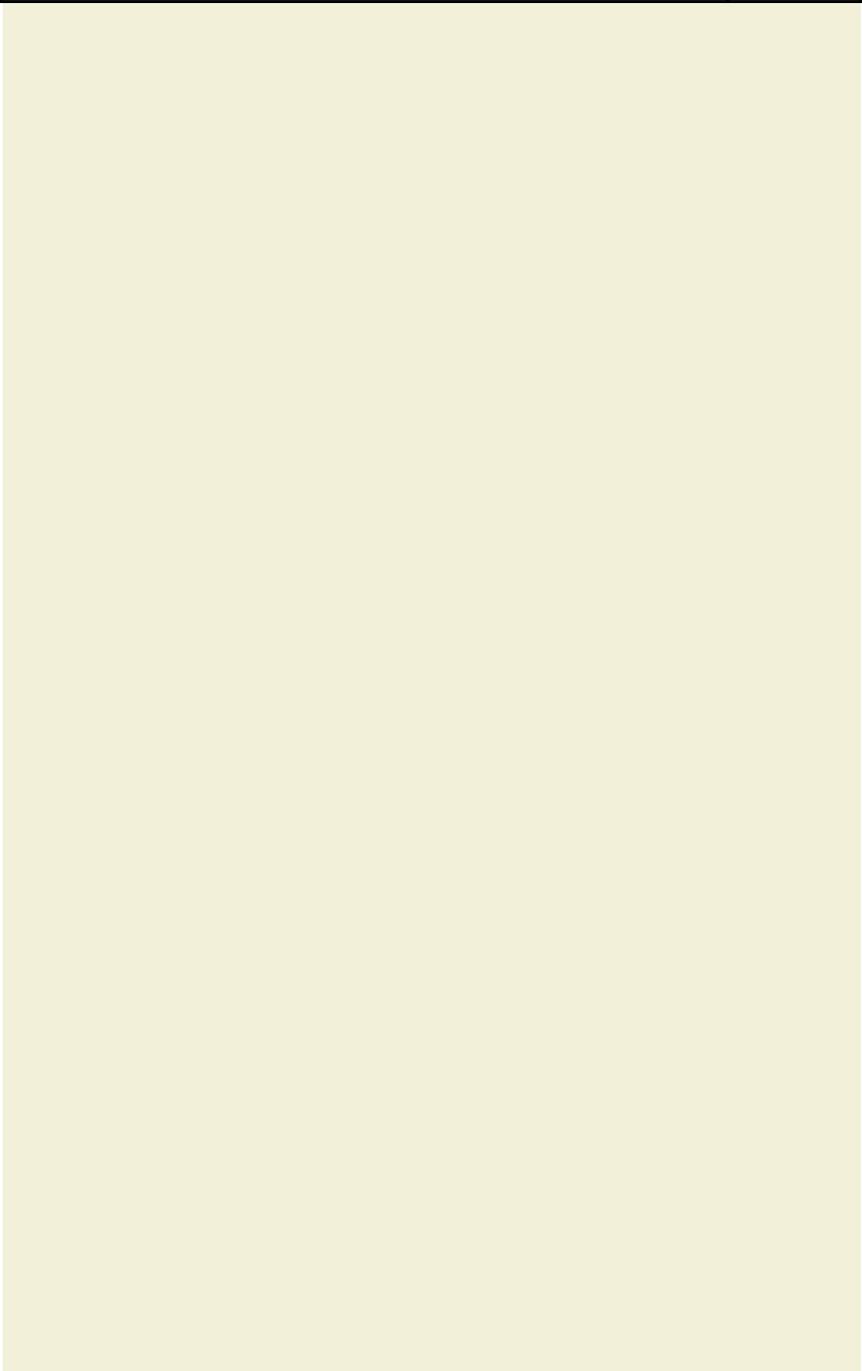
31

30+

Not Possible

% of original unit	Time to target Multiplier
100	1.000
96.5	0.965
93.1225	0.931
89.8632125	0.899
86.71800006	0.867
83.68287006	0.837
80.75396961	0.808
77.92758067	0.779
75.20011535	0.752
72.56811131	0.726
70.02822742	0.700
67.57723946	0.676
65.21203607	0.652
62.92961481	0.629
60.72707829	0.607
58.60163055	0.586
56.55057348	0.566
54.57130341	0.546
52.66130779	0.527
50.81816202	0.508
49.03952635	0.490
47.32314293	0.473
45.66683292	0.457
44.06849377	0.441
42.52609649	0.425
41.03768311	0.410
39.6013642	0.396
38.21531646	0.382
36.87778038	0.369
35.58705807	0.356
34.34151104	0.343
33.13955815	0.331
31.97967361	0.320
N/A	N/A

Street trees	
Tree size	Diameter M
Small	0.3
Medium	0.9
Large	1.3



RPA Radius M	RPA ha
3.6	40.6944
10.8	366.2496
15.6	764.1504

Hedge	
Distinctiveness Category	Distinctiveness Score
Medium	4
Low	2
V.Low	1
High	6

s Distinctiveness categories
Suggested Action
Same broad habitat or a higher distinctiveness habitat required
Same distinctiveness or better habitat required
Compensation Not Required
Same broad habitat or a higher distinctiveness habitat required

Barnsley Metropolitan Borough Council
Barrow-in-Furness Borough Council
Basildon Borough Council
Basingstoke and Deane Borough Council
Bassetlaw District Council
Bath and North East Somerset Council
Bedford Borough Council
Birmingham City Council
Blaby District Council
Blackburn with Darwen Borough Council
Blackpool Borough Council
Blaenau Gwent County Borough Council
Bolsover District Council
Bolton Metropolitan Borough Council
Borough of Broxbourne
Borough of Poole
Boston Borough Council
Bournemouth Borough Council
Bracknell Forest Council
Bradford Metropolitan District Council
Braintree District Council
Breckland District Council
Brentwood Borough Council
Bridgend County Borough Council
Brighton and Hove City Council
Bristol City Council
Broadland District Council
Bromsgrove District Council
Broxtowe Borough Council
Buckinghamshire County Council
Burnley Borough Council
Bury Metropolitan Borough Council
Caerphilly County Borough Council
Calderdale Metropolitan Borough Council
Cambridge City Council
Cambridgeshire County Council
Cannock Chase District Council
Canterbury City Council

Cardiff Council
Carlisle City Council
Carmarthenshire County Council
Castle Point Borough Council
Central Bedfordshire Council
Ceredigion County Council
Charnwood Borough Council
Chelmsford City Council
Cheltenham Borough Council
Cherwell District Council
Cheshire East Council (Unitary)
Cheshire West and Chester Council
Chesterfield Borough Council
Chichester District Council
Chiltern District Council
Chorley Council
Christchurch Borough Council
City of Lincoln Council
City of London
City of York Council
Colchester Borough Council
Conwy County Borough Council
Copeland Borough Council
Corby Borough Council
Cornwall Council (Unitary)
Cotswold District Council
Coventry City Council
Craven District Council
Crawley Borough Council
Cumbria County Council
Dacorum Council
Darlington Borough Council
Dartford Borough Council
Daventry District Council
Denbighshire County Council
Derby City Council
Derbyshire County Council
Derbyshire Dales District Council
Devon County Council
Doncaster Metropolitan Borough Council
Dorset County Council
Dover District Council
Dudley Metropolitan Borough Council
Durham County Council
East Cambridgeshire District Council
East Devon District Council
East Dorset District Council
East Hampshire District Council
East Hertfordshire District Council
East Lindsey District Council
East Northamptonshire Council

East Riding of Yorkshire Council
East Staffordshire Borough Council
East Sussex County Council
Eastbourne Borough Council
Eastleigh Borough Council
Eden District Council
Elmbridge Borough Council
Epping Forest District Council
Epsom and Ewell Borough Council
Erewash Borough Council
Essex County Council
Exeter City Council
Fareham Borough Council
Fenland District Council
Flintshire County Council
Forest Heath District Council
Forest of Dean District Council
Fylde Borough Council
Gateshead Metropolitan Borough Council
Gedling Borough Council
Gloucester City Council
Gloucestershire County Council
Gosport Borough Council
Gravesham Borough Council
Great Yarmouth Borough Council
Guildford Borough Council
Gwynedd County Council
Halton Borough Council
Hambleton District Council
Hampshire County Council
Harborough District Council
Harlow Council
Harrogate Borough Council
Hart District Council
Hartlepool Borough Council
Hastings Borough Council
Havant Borough Council
Herefordshire Council
Hertfordshire County Council
Hertsmere Borough Council
High Peak Borough Council
Hinckley and Bosworth Borough Council
Horsham District Council
Huntingdonshire District Council
Hyndburn Borough Council
Ipswich Borough Council
Isle of Anglesey County Council
Isle of Wight Council
Isles of Scilly
Kent County Council
Kettering Borough Council

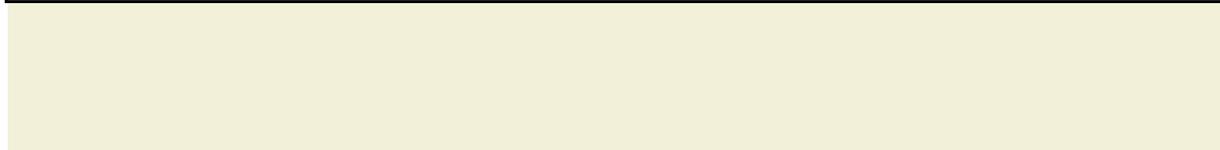
King's Lynn and West Norfolk Borough Council
Kingston-upon-Hull City Council
Kirklees Council
Knowsley Metropolitan Borough Council
Lancashire County Council
Lancaster City Council
Leeds City Council
Leicester City Council
Leicestershire County Council
Lewes District Council
Lichfield District Council
Lincolnshire County Council
Liverpool City Council
London Borough of Barking and Dagenham
London Borough of Barnet
London Borough of Bexley
London Borough of Brent
London Borough of Bromley
London Borough of Camden
London Borough of Croydon
London Borough of Ealing
London Borough of Enfield
London Borough of Hackney
London Borough of Hammersmith & Fulham
London Borough of Haringey
London Borough of Harrow
London Borough of Havering
London Borough of Hillingdon
London Borough of Hounslow
London Borough of Islington
London Borough of Lambeth
London Borough of Lewisham
London Borough of Merton
London Borough of Newham
London Borough of Redbridge
London Borough of Richmond upon Thames
London Borough of Southwark
London Borough of Sutton
London Borough of Tower Hamlets
London Borough of Waltham Forest
London Borough of Wandsworth
Luton Borough Council
Maidstone Borough Council
Maldon District Council
Malvern Hills District Council
Manchester City Council
Mansfield District Council
Medway Council
Melton Borough Council
Mendip District Council
Merthyr Tydfil County Borough Council

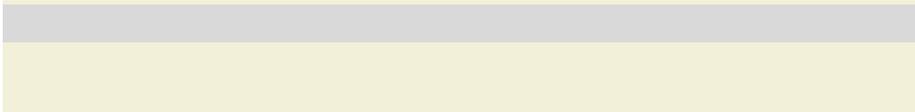
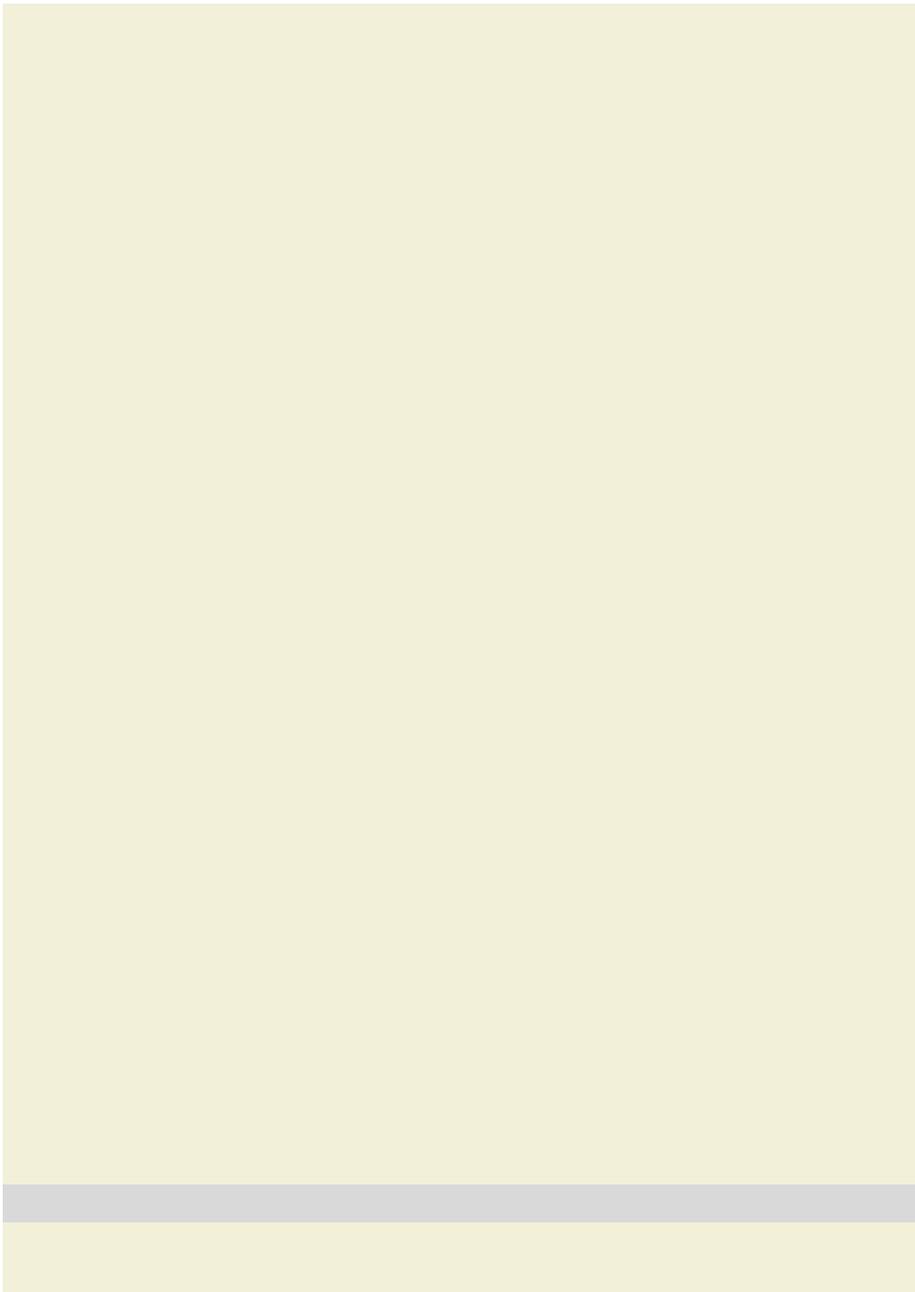
Mid Devon District Council
Mid Suffolk District Council
Mid Sussex District Council
Middlesbrough Borough Council
Milton Keynes
Mole Valley District Council
Monmouthshire County Council
Neath Port Talbot County Borough Council
New Forest District Council
Newark and Sherwood District Council
Newcastle-Under-Lyme District Council
Newport City Council
Newcastle-upon-Tyne City Council
Norfolk County Council
North Devon Council
North Dorset District Council
North East Derbyshire District Council
North East Lincolnshire Council
North Hertfordshire District Council
North Kesteven District Council
North Lincolnshire Council
North Norfolk District Council
North Somerset Council
North Tyneside Metropolitan Borough Council
North Warwickshire Borough Council
North West Leicestershire District Council
North Yorkshire County Council
Northampton Borough Council
Northamptonshire County Council
Northumberland Council
Norwich City Council
Nottingham City Council
Nottinghamshire County Council
Nuneaton and Bedworth Borough Council
Oadby and Wigston District Council
Oldham Metropolitan Borough Council
Oxford City Council
Oxfordshire County Council
Pembrokeshire County Council
Pendle Borough Council
Perth and Kinross Council
Peterborough City Council
Plymouth City Council
Portsmouth City Council
Powys County Council
Preston City Council
Purbeck District Council
Reading Borough Council
Redcar and Cleveland Council
Redditch Borough Council
Reigate & Banstead Borough Council

Rhondda Cynon Taf County Borough Council
Ribble Valley Borough Council
Richmondshire District Council
Rochdale Metropolitan Borough Council
Rochford District Council
Rossendale Borough Council
Rother District Council
Rotherham Metropolitan Borough Council
Royal Borough of Greenwich
Royal Borough of Kensington and Chelsea
Royal Borough of Kingston upon Thames
Royal Borough of Windsor and Maidenhead
Rugby Borough Council
Runnymede Borough Council
Rushcliffe Borough Council
Rushmoor Borough Council
Rutland County Council
Ryedale District Council
Salford City Council
Sandwell Metropolitan Borough Council
Scarborough Borough Council
Sedgemoor District Council
Sefton Metropolitan Borough Council
Selby District Council
Sevenoaks District Council
Sheffield City Council
Shepway District Council
Shropshire Council - Unitary
Slough Borough Council
Solihull Metropolitan Borough Council
Somerset County Council
South Buckinghamshire District Council
South Cambridgeshire District Council
South Derbyshire District Council
South Gloucestershire Council
South Hams District Council
South Holland District Council
South Kesteven District Council
South Lakeland District Council
South Norfolk District Council
South Northamptonshire Council
South Oxfordshire District Council
South Ribble Borough Council
South Somerset District Council
South Staffordshire Council
South Tyneside Council
Southampton City Council
Southend-on-Sea Borough Council
Spelthorne Borough Council
St Albans City and District Council
St Edmundsbury Borough Council

St Helens Metropolitan Borough Council
Stafford Borough Council
Staffordshire County Council
Staffordshire Moorlands District Council
Stevenage Borough Council
Stockport Metropolitan Borough Council
Stockton-on-Tees Borough Council
Stoke-on-Trent City Council
Strabane District Council
Stratford-on-Avon District Council
Stroud District Council
Suffolk Coastal District Council
Suffolk County Council
Sunderland City Council
Surrey County Council
Surrey Heath Borough Council
Swale Borough Council
Swansea City and Borough Council
Swindon Borough Council
Tameside Metropolitan Borough Council
Tamworth Borough Council
Tandridge District Council
Taunton Deane Borough Council
Teignbridge District Council
Telford & Wrekin Council
Tendring District Council
Test Valley Borough Council
Tewkesbury Borough Council
Thanet District Council
Three Rivers District Council
Thurrock Council
Tonbridge and Malling Borough Council
Torbay Council
Torfaen County Borough Council
Torridge District Council
Trafford Metropolitan Borough Council
Tunbridge Wells Borough Council
Uttlesford District Council
Vale of Glamorgan Council
Vale of White Horse District Council
Wakefield Metropolitan District Council
Walsall Metropolitan Borough Council
Warrington Borough Council
Warwick District Council
Warwickshire County Council
Watford Borough Council
Waveney District Council
Waverley Borough Council
Wealden District Council
Wellingborough Borough Council
Welwyn Hatfield Council

West Berkshire Council
West Devon Borough Council
West Dorset District Council
West Lancashire Borough Council
West Lindsey District Council
West Oxfordshire District Council
West Somerset District Council
West Sussex County Council
Westminster City Council
Weymouth and Portland Borough Council
Wigan Metropolitan Borough Council
Wiltshire Council
Winchester City Council
Wirral Council
Woking Borough Council
Wokingham Borough Council
Wolverhampton City Council
Worcester City Council
Worcestershire County Council
Wrexham County Borough Council
Wychavon District Council
Wycombe District Council
Wyre Council
Wyre Forest District Council





Application type
Householder planning consent
Full planning consent
Hybrid planning consent
Outline planning consent
Reserved Matters
Listed building consent
Advertisement consent
Lawful Development Certificate (LDC)
Prior notification

