

The Biodiversity Metric 3.1

auditing and accounting for biodiversity

Calculation Tool

[Open Tool](#)

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Project details	
Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Assessor:	
Reviewer:	
Metric version:	
Assessment date:	
Planning authority reviewer:	

Instructions

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Results

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Cell style conventions	
	Enter data
	Automatic lookup
	Result

On-site baseline map

Insert

On-site post intervention map

Insert



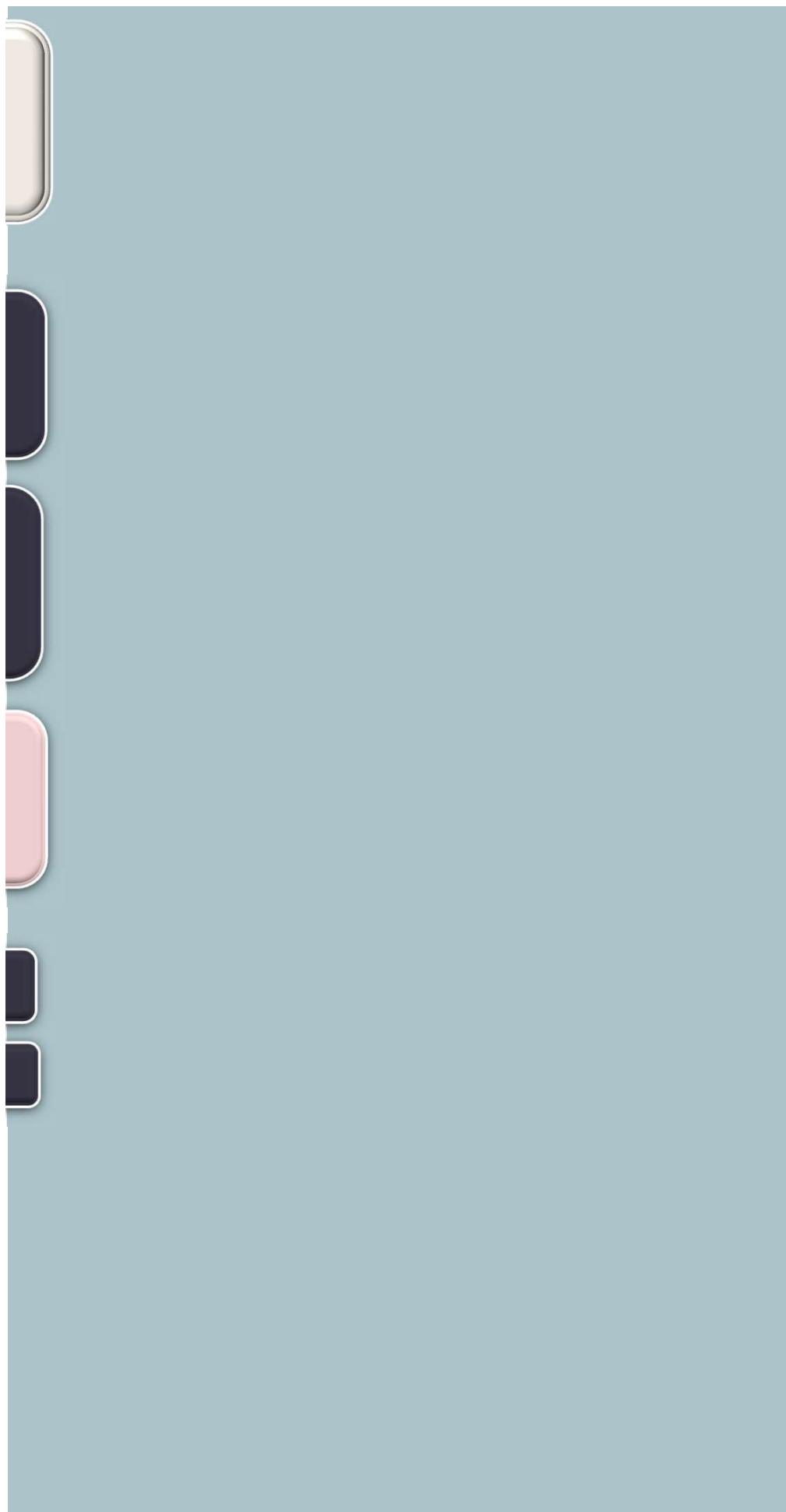
Off-site baseline map

Insert



Off-site post intervention map

Insert





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Biodiversity Metric 3.1

Auditing and accounting for biodiversity

Calculation Tool: Short Guide

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summary



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Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small	25	0.1017		0.0000		0.0000
Medium	5	0.1831		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Total	30	0.2849	0	0.0000	0	0.0000

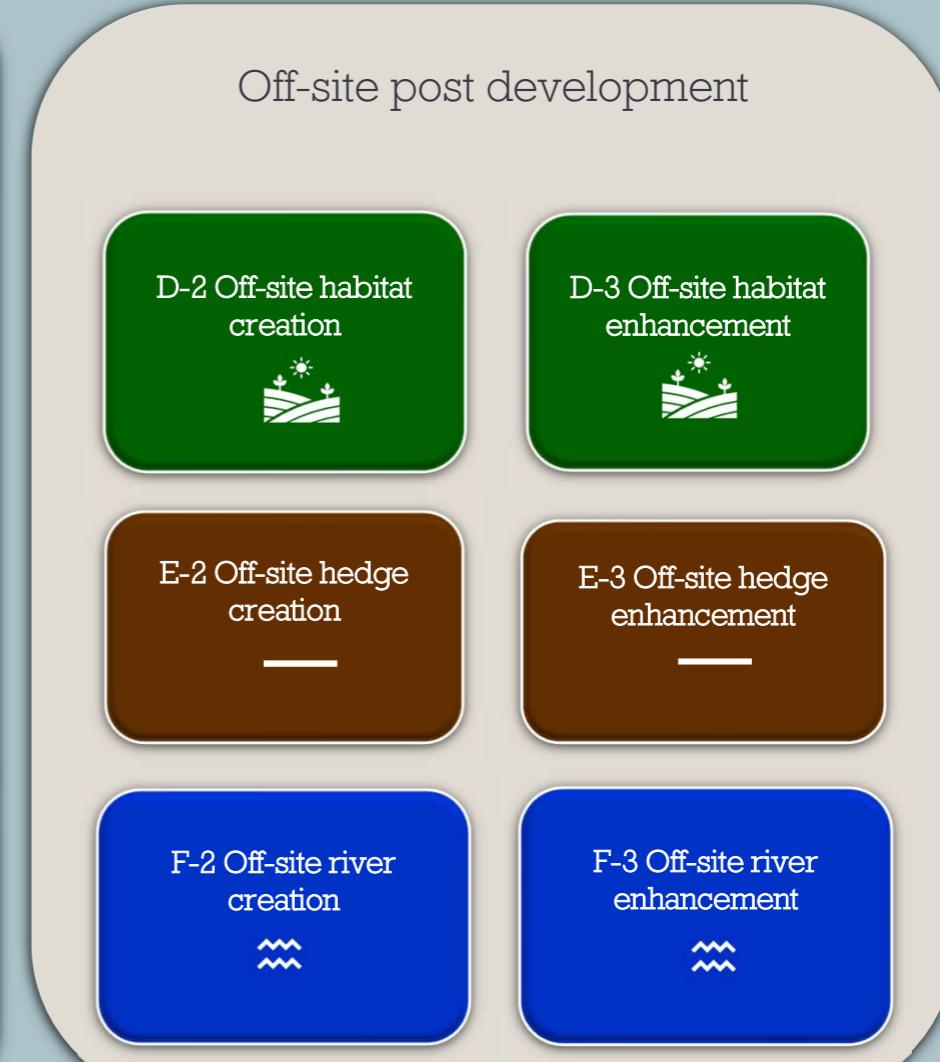
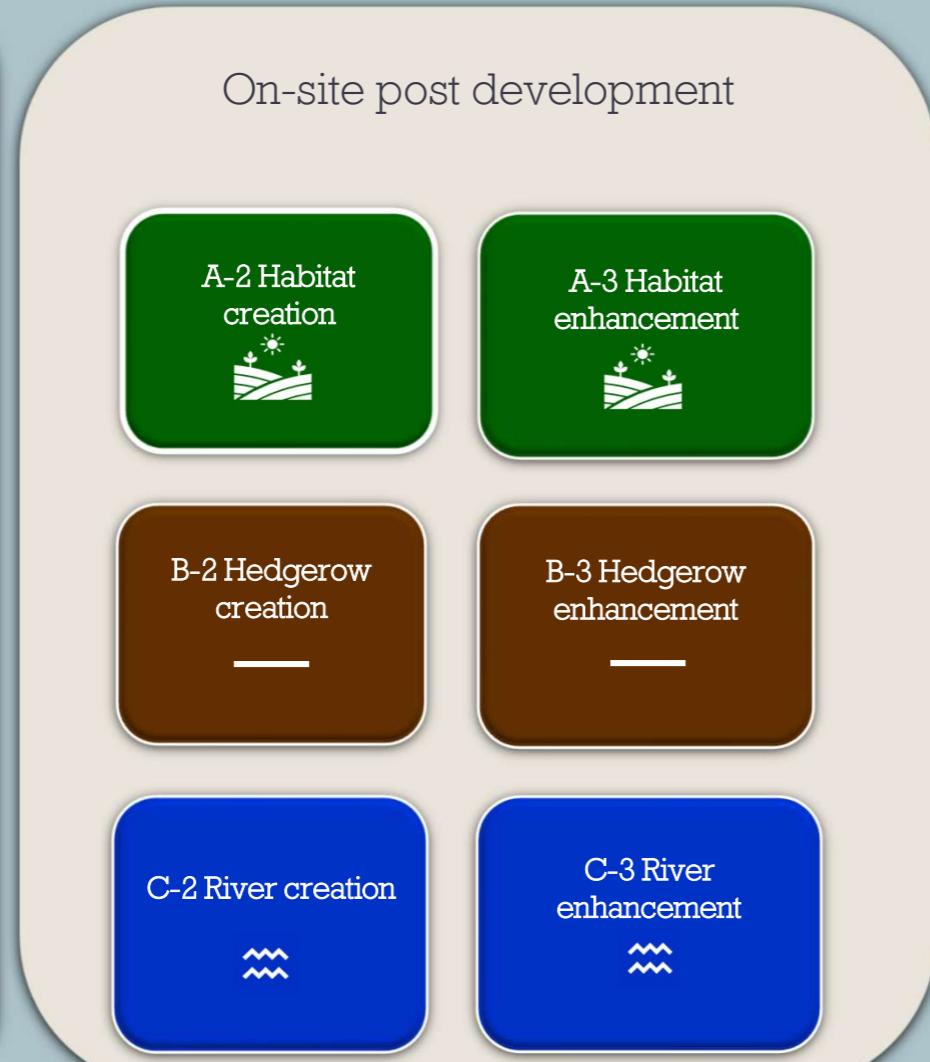
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Headline Results

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results menu

On-site baseline	Habitat units	7.98
	Hedgerow units	0.54
	River units	0.00

On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	9.18
	Hedgerow units	0.64
	River units	0.00

On-site net % change <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	15.12%
	Hedgerow units	18.09%
	River units	0.00%

Off-site baseline	Habitat units	0.00
	Hedgerow units	0.00
	River units	0.00

Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	0.00
	Hedgerow units	0.00
	River units	0.00

Total net unit change <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	1.21
	Hedgerow units	0.10
	River units	0.00

Total on-site net % change plus off-site surplus <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	15.12%
	Hedgerow units	18.09%
	River units	0.00%

Trading rules Satisfied?

No - Check Trading Summary ▲

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Trading Summary			
Distinctiveness Group	Trading Rule	Trading Satisfied?	
Very High	Bespoke compensation likely to be required *	Yes ✓	
High	Same habitat required =	Yes ✓	
Medium	Same broad habitat or a higher distinctiveness level required **	No ▲	
Low	Same distinctiveness or better habitat required ≥	Yes ✓	

Very High Distinctiveness						
Habitat group	Group	On Site Unit Change	Off Site Unit Change	Project wide Unit Change	Unit Losses	
Grassland - Lowland dry acid grassland	Grassland	0.00	0.00	0.00		
Grassland - Other grassland	Grassland	0.00	0.00	0.00		
Grassland - Upland hay meadow	Grassland	0.00	0.00	0.00		
Heathland and shrub - Mountain heath and winter scrub	Heathland and shrub	0.00	0.00	0.00		
Lakes - Acidic fens naturally occurring wet bodies	Lakes	0.00	0.00	0.00		
Scarsely vegetated land - Coastal grassland	Scarsely vegetated land	0.00	0.00	0.00		
Scarsely vegetated land - Limestone pavements	Scarsely vegetated land	0.00	0.00	0.00		
Wetland - Intertidal mudflat and sandflat	Wetland	0.00	0.00	0.00		
Wetland - Damp grassland (H710)	Wetland	0.00	0.00	0.00		
Wetland - Fens (unland) and lowland (H710)	Wetland	0.00	0.00	0.00		
Wetland - Lowland raised bog (H711)	Wetland	0.00	0.00	0.00		
Wetland - Purple moor grass and rush pastures (H714)	Wetland	0.00	0.00	0.00		
Wetland - Transitional marsh and reedbeds (H715)	Wetland	0.00	0.00	0.00		
Rocky shore - High energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00		
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00		
Rocky shore - Low energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00		
Rocky shore - Peaty limestone - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00		
Intertidal sediment - Lateral sediments on peat, clay or chalk	Intertidal sediment	0.00	0.00	0.00		
		0.00	0.00	0.00		0.00

Very High Distinctiveness Summary		
Very High Distinctiveness Units available to offset lower distinctiveness deficit		0.00

High Distinctiveness						
Habitat group	Group	On Site Unit Changes	Off Site Unit Changes	Project wide Unit Change	Losses not yet accounted for	
Grassland - Traditional orchards	Grassland	0.00	0.00	0.00		
Grassland - Pooted/Wetland Mosaic (CPGM)	Grassland	0.00	0.00	0.00		
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00		
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00		
Heathland and shrub - Heathland/Hedgerow	Heathland and shrub	0.00	0.00	0.00		
Heathland and shrub - Sea buckthorn scrub (Annex I)	Heathland and shrub	0.00	0.00	0.00		
Heathland and shrub - Other unmanaged	Heathland and shrub	0.00	0.00	0.00		
Lakes - High alkalinity lakes	Lakes	0.00	0.00	0.00		
Lakes - Low alkalinity lakes	Lakes	0.00	0.00	0.00		
Lakes - Moderate alkalinity lakes	Lakes	0.00	0.00	0.00		
Lakes - Peat Lakes	Lakes	0.00	0.00	0.00		
Lakes - Peaty Priority Habitat	Lakes	0.00	0.00	0.00		
Lakes - Sand dunes and pools	Lakes	0.00	0.00	0.00		
Scarsely vegetated land - Coastal sand dunes	Scarsely vegetated land	0.00	0.00	0.00		
Scarsely vegetated land - Coastal vegetated shingle	Scarsely vegetated land	0.00	0.00	0.00		
Scarsely vegetated land - Marine cliff and slopes	Scarsely vegetated land	0.00	0.00	0.00		
Urban - Open Mosaic Habitats on Previously Developed Land	Urban	0.00	0.00	0.00		
Woodland and forest - Fallow	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Lowland beach and wood	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Lowland mixed deciduous woodland	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Mixed woodland	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Upland broadleaves	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Upland mixed woods	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Wet woodland	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Wet woodland	Woodland and forest	0.00	0.00	0.00		
Coastal lagoon - Coastal lagoon	Coastal lagoon	0.00	0.00	0.00		
Rocky shore - Moderate energy littoral rock	Rocky shore	0.00	0.00	0.00		
Rocky shore - Low energy littoral rock	Rocky shore	0.00	0.00	0.00		
Rocky shore - Peaty limestone rock	Rocky shore	0.00	0.00	0.00		
Intertidal sediment - Lateral sand	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Lateral mixed sediments	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Lateral biogenic reefs - Mussels	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Lateral biogenic reefs - Sabellaria	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Lateral coarse sediment	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Lateral muddy sand	Intertidal sediment	0.00	0.00	0.00		
		0.00	0.00	0.00		0.00

High Distinctiveness Summary		
High Distinctiveness Units available to offset lower distinctiveness deficit		0.00

Medium Distinctiveness						
Habitat Group	Group	On site unit changes	Off Site Unit Changes	Project wide Unit Change	Cumulative Broad Habitat Change	
Cropland - Arable field margins mown/used annually	Cropland	-0.01	0.00	-0.01		
Cropland - Arable field margin game bird mix	Cropland	0.00	0.00	0.00	0.00	
Cropland - Arable field margin pollens & nectar	Cropland	0.00	0.00	0.00		
Cropland - Other arable and mixed	Cropland	0.00	0.00	0.00		
Cropland - Other arable and mixed	Cropland	0.44	0.00	0.44	-1.44	
Heathland and shrub - Heathland/scrub	Heathland and shrub	0.00	0.00	0.00		
Heathland and shrub - Other scrub	Heathland and shrub	0.39	0.00	0.39		
Heathland and shrub - Coastal scrub	Heathland and shrub	0.00	0.00	0.00		
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00		
Heathland and shrub - Hazel scrub	Heathland and shrub	0.00	0.00	0.00		
Lakes - Fresh (Non Priority Habitat)	Lakes	0.00	0.00	0.00		
Lakes - Reservoirs	Lakes	0.00	0.00	0.00		
Scarsely vegetated land - Other sited rock and scree	Scarsely vegetated land	0.00	0.00	0.00		
Urban - Building and roads	Urban	0.98	0.00	0.98	1.70	
Urban - Urban areas	Urban	0.45	0.00	0.45		
Woodland and forest - Other cover Plain woodland	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Other cover Woodland	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Other woodland	Woodland and forest	0.34	0.00	0.34		
Intertidal sediment - Lateral sand	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Artificial sand	Intertidal sediment	0.00	0.00	0.00		
Intertidal Hard Structures - Artificial hard structures with Integrated Greening of Grey Infrastructure (IGG)	Intertidal	0.00	0.00	0.00		
		0.73	0.00	0.73		

Medium Distinctiveness Summary		
Medium Distinctiveness Units available to offset lower distinctiveness deficit		0.17

Low Distinctiveness						
Habitat group	Group	On site unit changes	Off Site Unit Changes	Project wide Unit Change</th		

A-2 Site Habitat Creation

Condense / Show Columns Condense / Show Rows

Main Menu Instructions

Broad Habitat	Proposed habitat	Area (hectares)	Post development/ post intervention habitats												Comments						
			Distinctiveness		Condition		Strategic significance			Temporal multiplier			Difficulty multipliers								
			Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Standard time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years	Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied	Habitat units delivered	
Grassland	Modified grassland	0.0996	Low	2	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	7	0	0	Standard time to target condition applied	7	0.779	Low	Standard difficulty applied	Low	1	0.47	
Grassland	Other neutral grassland	0.0118	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.08	
Grassland	Other neutral grassland	0.03	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.20	
Urban	Developed land: sealed surface	0.3	V Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Medium	0.67	0.00	
Urban	Introduced shrub	0.0036	Low	2	Common Assessment	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.01	
Urban	Biodiverse green roof	0.0052	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition applied	5	0.837	Medium	Standard difficulty applied	Medium	0.67	0.02	
Heathland and shrub	Mixed scrub	0.024	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	10			Standard time to target condition applied	10	0.700	Low	Standard difficulty applied	Low	1	0.20	
Urban	Biodiverse green roof	0.19	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5			Standard time to target condition applied	5	0.837	Medium	Standard difficulty applied	Medium	0.67	0.85	
Urban	Urban Tree	0.1017	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	27			Standard time to target condition applied	27	0.382	Low	Standard difficulty applied	Low	1	0.31	
Urban	Urban Tree	0.1831	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	27			Standard time to target condition applied	27	0.382	Low	Standard difficulty applied	Low	1	0.56	
Total habitat area			Total Units 2.70																		
Site Area (Excluding area of Urban trees and Green walls)			0.86																		

A-3 Site Habitat Enhancement	Conceal/Show Colors	Enhancement																
Conceal/Show Colors	Conceal/Show Colors																	
Main Menu	Instructions																	
Baseline habitat																		
Baseline ref																		
Baseline habitat	Final habitat	Baseline distinctiveness																
Baseline distinctiveness	Baseline condition score	Baseline strategic significance score																
Baseline strategic significance score	Baseline habitat type	Supported actions to address habitat issues																
1 Cretaceous - Other recent grassland	0.5/100 Poor	4 Low	1 Low Strategic Significance	1 Low Strategic Significance	0.04 Baseline habitat Issues													
2 Heathland and scrub - Scrubby scrub	3.0K Medium	4 Good	1 Low Strategic Significance	1 Low Strategic Significance	0.03 Baseline habitat Issues													
3 Woodland and forest - Other secondary broadleaved	0.5/100 Medium	4 Medium	2 Medium	1 Medium	0.23 Baseline habitat Issues													
Proposed habitat (pre-populated but can be overridden)																		
Proposed ref																		
Proposed habitat	Proposed habitat	Change in distinctiveness and condition																
Proposed habitat	Proposed habitat	Area (Acres)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic position	Standard time to target achievement	Metric enhanced by enhancement	Using in starting habitat	Standard or adjusted time to target condition	Final time to target condition	Standard difficulty of enhancement	Applied difficulty multiple	Difficulty risk mitigation	Actual units delivered	
Grassland	Other seeded grassland	Medium-Medium	Poor-Moderate	2 0.0300	Medium	4 Moderate	2 Acceptance-resolution isn't as local concern as condition assessment	Low	10	0	0	Standard time to target condition	10	0.7500	Low	Standard difficulty applied	Low	1 0.071
Heathland and scrub	Mixed scrub	Medium-Medium	Medium	3 0.0300	Medium	5 Good	3 Acceptance-resolution isn't as local concern as condition assessment	Low	10	0	0	Standard time to target condition	10	0.7500	Low	Standard difficulty applied	Low	1 0.123
Woodland and forest	Other woodland/broadleaved	Medium-Medium	Moderate-Good	2 0.0300	Medium	4 Good	2 Acceptance-resolution isn't as local concern as condition assessment	Low	10	0	0	Standard time to target condition	10	0.7500	Low	Standard difficulty applied	Low	1 0.493
Post development post intervention habitats																		
Assessor comments																		
Reviewer comments																		

B-3 Site Hedge Enhancement																																			
Baseline Metrics		Baseline Metrics		Change in Distressiveness and Condition		For Improvement and Recovery Metrics								Comments																					
Proposal ref	Baseline habitat		Length (m)		Distressiveness		Conditions		Strategic significance		Temporal multiplier		Difficulty risk multiples		Hedge rate covered	Comments																			
	Baseline habitat	Length (m)	Baseline distressiveness level	Baseline distressiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance	Baseline significance score	Baseline habitat value	Suggested action	Proposed (Pre-populated but can be overridden)	Change in distressiveness and condition	Length (m)	Distressiveness	Conditions	Comments																			
1	Native Hedge	0.038	Low	2	Medium	2	Low Strategic Significance	1	0.123	Same Distressiveness level as before	Native Species Rich Hedge	Low - Medium	Lower Distressiveness Habitat / Cope	0.038	Medium	4	Cool	2	Anamorphosis set as final strategy as best solution	Low Strategic Significance	1	2	Standard time to enhancement	Target enhanced in advance	Date in starting enhancement	Standard or adjusted time to target condition	Final time to enhancement	Standard time multiplier	Applied difficulty multiplier	Final difficulty of enhancement	Difficulty risk applied	0.41	Comments	Source comments	Review comments