The Biodiversity Metric 3.1 - Calculation Tool
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Project details	
Planning authority:	
Project name:	Land off Burn Road, Huddersfield
Applicant:	
Application type:	
Planning application reference:	
Assessor:	B Crossthwaite
Reviewer:	
Metric version:	
Assessment date:	27/07/2022
Planning authority reviewer:	

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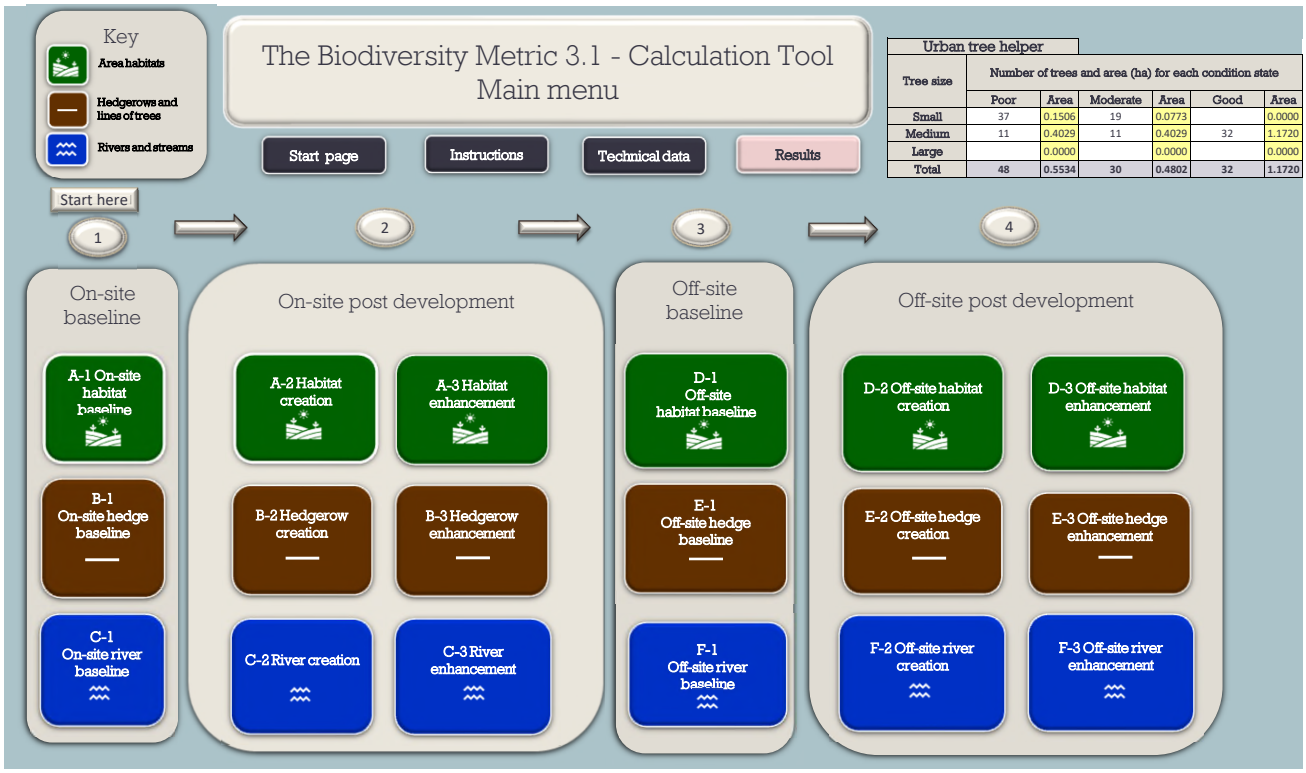
Off-site post intervention map — Insert


Key
Area habitats
Hedgerows and lines of trees
Rivers and streams
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Urban tree helper
Tree size
Number of trees and area (ha) for each condition state
Poor
Area
Moderate
Area
Good
Area
Small 37 0.1506 19 0.0773 0.0000
Medium 11 0.4029 11 0.4029 32 1.1720
Large 0.0000 0.0000 0.0000
Total 48 0.5534 30 0.4802 32 1.1720
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The Biodiversity Metric 3.1 - Calculation Tool Results

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Headline results

Detailed results

Habitat trading summary

Land off Burn Road, Huddersfield

Headline Results

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On-site baseline	*Habitat units*	13.62
	Hedgerow units	0.00
	River units	1.47
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	11.22
	Hedgerow units	0.37
	River units	1.47
On-site net % change (Including habitat retention, creation & enhancement)	*Habitat units*	-17.57%
	Hedgerow units	100.00%
	River units	0.00%
Off-site baseline	*Habitat units*	0.00
	Hedgerow units	0.00
	River units	0.00
Off-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	0.00
	Hedgerow units	0.00
	River units	0.00
Total net unit change (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-2.39
	Hedgerow units	0.37
	River units	0.00
Total on-site net % change plus off-site surplus (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-17.57%
	Hedgerow units	100.00%
	River units	0.00%
Trading rules Satisfied?		Yes ✓

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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 habitat 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 - Lowland meadows	Grassland	0.00	0.00	0.00	
Grassland - Upland hay meadows	Grassland	0.00	0.00	0.00	
Heathland and shrub - Mountain heaths and willow scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Aquifer fed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Calaminarian grasslands	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Limestone pavement	Sparsely vegetated land	0.00	0.00	0.00	
Wetland - Blanket bog	Wetland	0.00	0.00	0.00	
Wetland - Depressions on Peat substrates (H7150)	Wetland	0.00	0.00	0.00	
Wetland - Fens (upland and lowland)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Oceanic Valley Mire[1] (D2.1)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor grass and rush pastures	Wetland	0.00	0.00	0.00	
Wetland - Transition mires and quaking bogs (H7140)	Wetland	0.00	0.00	0.00	
Woodland and forest - Wood-pasture and parkland	Woodland and forest	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 - Features of littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral seagrass 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 Change	Off Site Unit Change	Project wide Unit Change	Losses not yet accounted for
Grassland - Traditional orchards	Grassland	0.00	0.00	0.00	
Grassland - Floodplain Wetland Mosaic (CFGM)	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H6430)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland Heathland	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Sea buckthorn scrub (Annex 1)	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Upland Heathland	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 - Marl 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 - Ponds (Priority Habitat)	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes, ponds and pools	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal sand dunes	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated shingle	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Inland rock outcrop and scree habitats	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Maritime cliff and slopes	Sparsely vegetated land	0.00	0.00	0.00	
Urban - Open Mosaic Habitats on Previously Developed Land	Urban	0.00	0.00	0.00	
Wetland - Reedbeds	Wetland	0.00	0.00	0.00	
Woodland and forest - Felled	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland beech and yew woodland	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 - Native pine woodlands	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland birchwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed ashwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland oakwood	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet woodland	Woodland and forest	0.00	0.00	0.00	
Coastal lagoons - Coastal lagoons	Coastal lagoons	0.00	0.00	0.00	
Rocky shore - High energy littoral rock	Rocky shore	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 - Features of littoral rock	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral mud	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Coastal saltmarsh - Saltmarshes and saline reedbeds	Coastal Saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Littoral biogenic reefs - Mussels	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral biogenic reefs - Sabellaria	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Features of littoral sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral 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
Unit Deficit. Like for like not satisfied	✓ 0.00

Medium Distinctiveness

Habitat Group	Group	On site unit change	Off Site unit Change	Project wide unit change	Cumulative Broad Habitat Change
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	0.00
Cropland - Arable field margins pollen & nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	
Grassland - Other lowland acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Other neutral grassland	Grassland	0.00	0.00	0.00	0.00
Grassland - Upland acid grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Blackthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Bramble scrub	Heathland and shrub	-0.60	0.00	-0.60	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	-2.91
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	
Heathland and shrub - Mixed scrub	Heathland and shrub	-2.11	0.00	-2.11	
Lakes - Ponds (Non- Priority Habitat)	Lakes	0.00	0.00	0.00	
Lakes - Reservoirs	Lakes	0.00	0.00	0.00	0.00
Sparsely vegetated land - Other inland rock and scree	Sparsely vegetated land	0.00	0.00	0.00	0.00
Urban - Cemeteries and churchyards	Urban	0.00	0.00	0.00	
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	3.33
Urban - Urban Tree	Urban	3.33	0.00	3.33	
Woodland and forest - Other Scot's Pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other woodland; broadleaved	Woodland and forest	-0.88	0.00	-0.88	-0.88
Woodland and forest - Other woodland; mixed	Woodland and forest	0.00	0.00	0.00	
Intertidal sediment - Littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral sand	Intertidal sediment	0.00	0.00	0.00	0.00
Intertidal Hard Structures - Artificial hard structures with Integrated Greening of Grey Infrastructure (IGGI)	Intertidal	0.00	0.00	0.00	
		-0.47	0.00	-0.47	

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset lower distinctiveness deficit	3.33
Medium Distinctiveness Broad Habitat Deficit to be offset by trading up	-3.79
Higher distinctiveness surplus units minus Medium Distinctiveness Broad Habitat Deficit	0.00
Cumulative surplus of units	3.33

Low Distinctiveness

Habitat group	Group	On site unit change	Off Site Unit Change	Project wide unit change
Cropland - Cereal crops	Cropland	0.00	0.00	0.00
Cropland - Horticulture	Cropland	0.00	0.00	0.00
Cropland - Intensive orchards	Cropland	0.00	0.00	0.00
Cropland - Non-cereal crops	Cropland	0.00	0.00	0.00
Cropland - Temporary grass and clover leys	Cropland	0.00	0.00	0.00
Cropland - Cereal crops winter stubble	Cropland	0.00	0.00	0.00
Grassland - Modified grassland	Grassland	-2.37	0.00	-2.37
Grassland - Bracken	Grassland	0.00	0.00	0.00
Heathland and shrub - Rhododendron scrub	Heathland and shrub	0.00	0.00	0.00
Lakes - Ornamental lake or pond	Lakes	0.00	0.00	0.00
Sparsely vegetated land - Ruderal/Ephemeral	Sparsely vegetated land	-0.13	0.00	-0.13
Urban - Bioswale	Sparsely vegetated land	0.00	0.00	0.00
Urban - Allotments	Urban	0.00	0.00	0.00
Urban - Facade-bound green wall	Urban	0.00	0.00	0.00
Urban - Ground-based green wall	Urban	0.00	0.00	0.00
Urban - Ground level planters	Urban	0.00	0.00	0.00
Urban - Other green roof	Urban	0.00	0.00	0.00
Urban - Intensive green roof	Urban	0.00	0.00	0.00
Urban - Introduced shrub	Urban	0.02	0.00	0.02
Urban - Rain garden	Urban	0.00	0.00	0.00
Urban - Actively worked sand pit quarry or open cast mine	Urban	0.00	0.00	0.00
Urban - Sustainable urban drainage feature	Urban	0.00	0.00	0.00
Urban - Vacant/derelict land/ bareground	Urban	0.00	0.00	0.00
Urban - Vegetated garden	Urban	0.56	0.00	0.56
Woodland and forest - Other coniferous woodland	Woodland and forest	0.00	0.00	0.00
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	0.00	0.00
Intertidal sediment - Artificial littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mud	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral sand	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral muddy sand	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral seagrass	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral biogenic reefs	Intertidal sediment	0.00	0.00	0.00
Intertidal Hard Structures - Artificial hard structures	Intertidal	0.00	0.00	0.00
Intertidal Hard Structures - Artificial features of hard structures	Intertidal	0.00	0.00	0.00
Heathland and shrub - Sea buckthorn scrub (other)	Heathland and shrub	0.00	0.00	0.00
		-1.93		-1.93

Low Distinctiveness Summary

Low Distinctiveness Net Change in Units	-1.93
Cumulative surplus of units	1.40

Land off Bum Road, Huddersfield

A-1 Site Habitat Baseline

Condense / Show Columns | Condense / Show Rows

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	Habitats and areas			Distinctiveness		Condition		Strategic significance				Retained	
Ref	Broad Habitat	Habitat Type	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Suggested action to address habitat losses	Total habitat units	Area retained
1	Sparsely vegetated land	Ruderal/Ephemeral	0.007	Low	0	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic significance	1	Same distinctiveness or better habitat required #	0.01	
2	Heathland and shrub	Bramble scrub	0.2	Medium	4	Condition Assessment N/A	1	Area/compensation not in local strategy/ no local strategy	Low Strategic significance	1	Same distinctiveness or higher distinctiveness habitat required (2)	0.80	
3	Grassland	Modified grassland	0.009	Low	0	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic significance	1	Same distinctiveness or better habitat required #	0.04	
4	Sparsely vegetated land	Ruderal/Ephemeral	0.05	Low	0	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic significance	1	Same distinctiveness or better habitat required #	0.10	
5	Urban	Developed land; sealed surface	0.009	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic significance	1	Compensation Not Required.	0.00	
6	Heathland and shrub	Mixed scrub	0.24	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness or higher distinctiveness habitat required (2)	2.11	
7	Woodland and forest	Other woodland; broadleaved	0.1	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required (2)	0.88	
8	Grassland	Modified grassland	0.01	Low	0	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic significance	1	Same distinctiveness or better habitat required #	0.06	
9	Urban	Urban Tree	0.15	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required (2)	1.32	0.09
10	Urban	Urban Tree	0.4	Medium	4	Good	3	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required (2)	5.28	0.4
11													
12													
13													
		Total habitat area	1.87									10.88	0.49

	Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	Comments	
	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		Assessor comments	Reviewer comments
1			0.00	0.00	0.01	0.03		Ephemeral/short perennial vegetation. Failed condition assessment criteria 1.	
2			0.00	0.00	0.20	0.80		Cat. natural heterogeneous scrub (scrub dominated by Bramble).	
3			0.00	0.00	0.01	0.04		Marshy Grassland. Failed assessment criteria 1 and 2. Failed rule-req criteria 1.	
4			0.00	0.00	0.05	0.10		Cat. ruderal herb. Urban condition assessment criteria used, as per the translation technical sheet advice. Failed assessment criteria 1 and 2. However, considered to fulfil moderate condition as opposed to poor. This is because this habitat should be categorised under 'developed land; sealed surface' habitat/preservation.	
5			0.00	0.00	0.01	0.00			
6			0.00	0.00	0.24	0.11		Continuous scrub. Failed condition assessment Criteria 1 and 2.	
7			0.00	0.00	0.10	0.88		Semi-natural, broadleaved woodland. See report	
8			0.00	0.00	0.01	0.06		Poor, semi-improved grassland. Passed all condition assessment criteria.	
9	0.09		0.70	0.00	0.07	0.62		Unlisted tree. Based on 37 small trees as per the Urban Tree Helper. Calculated using the TBA Arb reports. See report for references. Failed condition assessment criteria 1 and 2.	
10	0.4		0.38	0.00	0.00	0.00		Contained trees. Based on 11 medium trees as per the Urban Tree Helper. Calculated using the TBA Arb reports. See report for references. Failed condition assessment criteria 1.	
11									
12									
13									
	0.49	0.00	0.00	0.00	1.10	7.69			

Total area lost (excluding area of Urban trees and Green walls)	1.12

Land off Burn Road, Haddenfield
A-3 Site Habitat Creation

Condenser / River Cisheaux | Condenser / Shore Scores

Mitish Metrics | Instructions

Post development post intervention habitats																													
			Distinctiveness		Condition		Strategic significance						Temporal multiplier			Difficulty multiplier				Habitat units delivered	Comments	
Broad Habitat	Proposed habitat	Area (hectares)	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	Risk time to target condition/years	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied		Assessor comments	Reviewer comments
Grassland	Modified grassland	0.12	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0			Standard time to target condition applied	0	0.667	Low	Standard difficulty applied	Low	1	0.08		
Grassland	Modified grassland	0.12	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1			Standard time to target condition applied	1	0.666	Low	Standard difficulty applied	Low	1	0.07		
Urban	Vegetated garden	0.29	Low	2	Condition Assessment N/A	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1			Standard time to target condition applied	1	0.666	Low	Standard difficulty applied	Low	1	0.19		
Urban	Introduced shrub	0.004	Low	2	Condition Assessment N/A	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1			Standard time to target condition applied	1	0.666	Low	Standard difficulty applied	Low	1	0.00		
Urban	Developed land; sealed surface	0.054	V Low	0	N/A - Other	N	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0			Standard time to target condition applied	N	1.333	Low	Standard difficulty applied	Medium	0.67	0.00		
Urban	Urban Tree	0.172	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	10			Standard time to target condition applied	10	0.952	Low	Standard difficulty applied	Low	1	1.64		

B-2 Site Hedge Creation

Condenser : Show Columns | Condenser : Show Rows

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		Proposed habitats		Habitat distinctiveness		Habitat condition		Strategic significance			Temporal multiplier					Difficulty risk multipliers				Hedge units delivered	Comments	
Baseline ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Standard Time to target condition/years	Habitat created in advance/years	Delay to starting habitat	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		Assessor comments	Reviewer comments
1		Native Hedgerow	0.04	Low	2	Poor	1	Area/compensation not in local strategy/ Actions/ strategy	Low strategic significance	1	1	0	0	Standard time to target condition applied	1	0.945	Low	Standard difficulty applied	Low	1	0.18	Native species hedgerow	
2		Hedge Ornamental Non Native	0.04	V Low	1	Poor	1	Area/compensation not in local strategy/ Actions/ strategy	Low strategic significance	1	1			Standard time to target condition applied	1	0.945	Low	Standard difficulty applied	Low	1	0.09	Ornamental hedgerow	
3																							
4																							
5																							
6																							
7																							
			0.55																		0.27		

C-1 Site River Baseline

Condense / Show Columns | Condense / Show Rows

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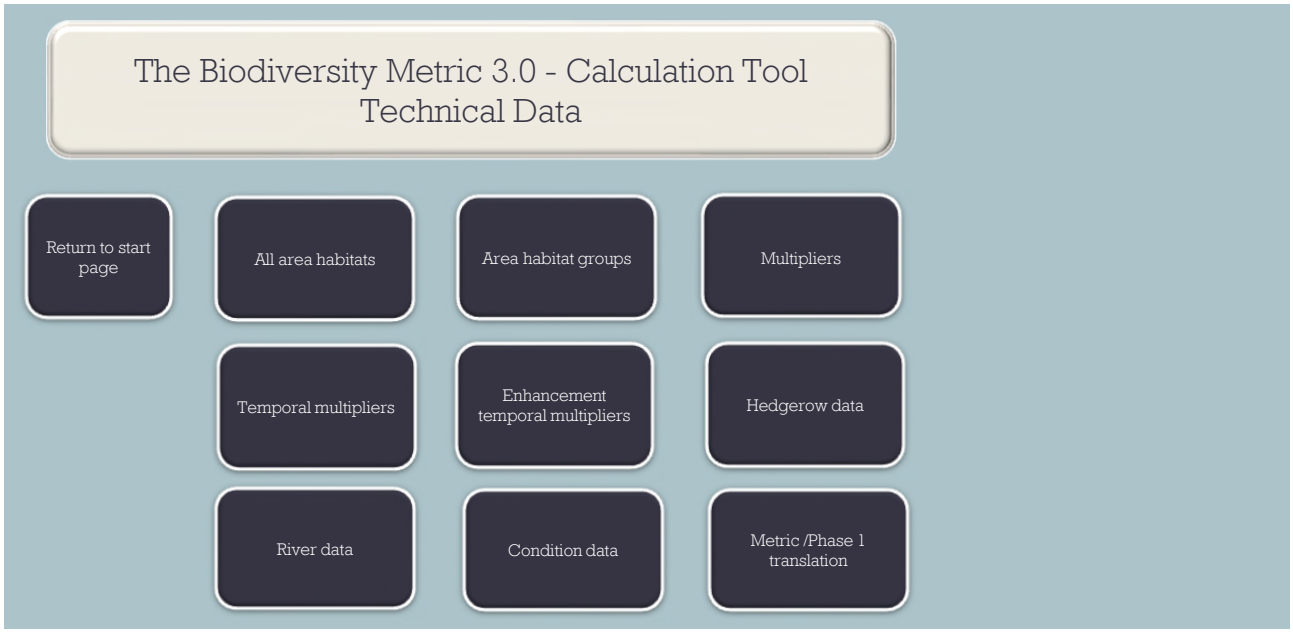
Existing river type			Habitat distinctiveness	Habitat condition	Strategic significance	Watercourse encroachment	Riparian encroachment		Ecological baseline
Baseline ref	River type	Length (km)	Distinctiveness	Condition	Strategic significance	Extent of encroachment	Extent of encroachment	Suggested action	Total river units
1	Other Rivers and Streams	0.105	High	Moderate	Within Local Plans	No Encroachment	No Encroachment	Restore	1.45
2	Culvert	0.01	Low	Poor	Some potential/action not identified in any plan	No Encroachment	No Encroachment	Restore	0.02
3									
4									
5									
6									
7									
		0.12							1.47

Retention category biodiversity value						Comments	
Length retained	Length enhanced	Units retained	Units enhanced	Length Lost	Units Lost	Assessor Comments	Reviewer comments
0.105		1.45	0.00	0.00	0.00	Stream	
0.01		0.02	0.00	0.00	0.00	Culverted section of the stream	
0.12	0.00	1.47	0.00	0.00	0.00		

Return to start

Phase 1 Habitat	Metric habitat	Distinctiveness band
Woodland	Woodland and forest - Other woodland; mixed	Medium
Broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Semi-natural broadleaved woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Semi-natural coniferous woodland	Woodland and forest - Native pine woodlands	High
Plantation coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Semi-natural mixed woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Scrub	Heathland and shrub - Mixed scrub	Medium
Dense / continuous scrub	Heathland and shrub - Mixed scrub	Medium
Scattered scrub	Heathland and shrub - Mixed scrub	Medium
Parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	High
Broadleaved parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	High
Coniferous parkland / scattered trees	Woodland and forest - Other coniferous woodland	Medium
Mixed parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	High
Recently-felled woodland	Woodland and forest - Felled	High
Broadleaved recently felled woodland	Woodland and forest - Felled	High
Coniferous recently felled woodland	Woodland and forest - Felled	High
Mixed recently felled woodland	Woodland and forest - Felled	High
Acid grassland	Grassland - Other lowland acid grassland	Medium
Acid grassland	Grassland - Upland acid grassland	Medium
Unimproved acid grassland	Grassland - Lowland dry acid grassland	V.High
Unimproved acid grassland	Grassland - Upland hay meadows	V.High
Semi-improved acid grassland (Good quality)	Grassland - Upland acid grassland	Medium
Semi-improved acid grassland (Good quality)	Grassland - Other lowland acid grassland	Medium
Semi-improved acid grassland (Poor quality)	Grassland - Modified grassland	Low
Neutral grassland	Grassland - Other neutral grassland	Medium
Unimproved neutral grassland	Grassland - Lowland meadows	V.High
Semi-improved neutral grassland (Good quality)	Grassland - Other neutral grassland	Medium
Semi-improved neutral grassland (Poor quality)	Grassland - Modified grassland	Low
Calcareous grassland	Grassland - Upland calcareous grassland	High
Calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Lowland calcareous grassland	High
Semi-improved calcareous grassland (Poor quality)	Grassland - Modified grassland	Low
Improved grassland	Grassland - Modified grassland	Low
Marsh/marshy grassland	Wetland - Purple moor grass and rush pastures	V.High
Marsh/marshy grassland	Grassland - Other neutral grassland	Medium
Marsh/marshy grassland	Grassland - Modified grassland	Low
Poor semi-improved grassland	Grassland - Modified grassland	Low
Strandline vegetation coastland	Sparsely vegetated land - Coastal vegetated shingle	High
Sand dune	Sparsely vegetated land - Coastal sand dunes	High
Dune slack sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune grassland sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune heath sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune scrub sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Open dune sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Maritime cliff coastland	Sparsely vegetated land - Maritime cliff and slopes	High
Hard maritime cliff coastland	Sparsely vegetated land - Maritime cliff and slopes	High
Soft maritime cliff	Sparsely vegetated land - Maritime cliff and slopes	High
Crevice/ledge vegetation	Sparsely vegetated land - Maritime cliff and slopes	High
Crevice/ledge vegetation	Grassland - Tall herb communities	High
Coastal grassland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal grassland	Grassland - Lowland meadows	V.High
Coastal grassland	Grassland - Lowland dry acid grassland	V.High
Coastal grassland	Grassland - Other lowland acid grassland	Medium
Coastal heathland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal heathland	Heathland and shrub - Lowland Heathland	High
Standing open water	lakes - Aquifer fed naturally fluctuating water bodies	V.High
Standing open water	Lakes - Ditches	Medium
Standing open water	Lakes - High alkalinity lakes	High
Standing open water	Lakes - Low alkalinity lakes	High
Standing open water	Lakes - Marl Lakes	High
Standing open water	Lakes - Moderate alkalinity lakes	High
Standing open water	Lakes - Peat Lakes	High
Standing open water	Lakes - Ponds (Priority Habitat)	High
Standing open water	Lakes - Ponds (Non- Priority Habitat)	Medium
Standing open water	Lakes - Reservoirs	Medium
Standing open water	Lakes - Temporary lakes, ponds and pools	High
Dry dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Dry dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Wet dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Wet dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Lichen / bryophyte heath	Heathland and shrub - Lowland Heathland	High
Lichen / bryophyte heath	Heathland and shrub - Upland Heathland	High
Montane heath / dwarf herb	Heathland and shrub - Mountain heaths and willow scrub	V.High
Dry heath / acidic grass mosaic	Heathland and shrub - Lowland Heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Lowland Heathland	High
Dry heath / acidic grass mosaic	Heathland and shrub - Upland Heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Upland Heathland	High
Bracken	Grassland - Bracken	Low
Continuous bracken	Grassland - Bracken	Low
Scattered bracken	Grassland - Bracken	Low
Other tall herb or fern (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Other tall herb or fern	Grassland - Bracken	Medium
Tall ruderal	Sparsely vegetated land - Ruderal/Ephemeral	Low
Non-ruderal	Sparsely vegetated land - Ruderal/Ephemeral	Low
Bog	Wetland - Lowland raised bog	V.High
Sphagnum bog	Wetland - Lowland raised bog	V.High
Blanket bog	Wetland - Blanket bog	V.High
Raised bog	Wetland - Lowland raised bog	V.High
Wet modified bog	Wetland - Transition mires and quaking bogs (H7140)	V.High
Dry modified bog	Wetland - Blanket bog	V.High
Dry modified bog	Wetland - Lowland raised bog	V.High
Flush and spring	Wetland - Fens (upland and lowland)	V.High
Acid/neutral flush	Wetland - Fens (upland and lowland)	V.High
Basic flush	Wetland - Fens (upland and lowland)	V.High
Bryophyte-dominated spring	Wetland - Fens (upland and lowland)	V.High
Fen	Wetland - Fens (upland and lowland)	V.High
Valley mire	Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Basin mire	Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Floodplain mire	Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Bare peat	Wetland - Depressions on Peat substrates (H7150)	V.High
Swamp	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Reedbeds	High
Marginal vegetation	Use the Feature that it is within, i.e. River, Lake type etc.	
Inundation vegetation	Wetland - Reedbeds	High
Natural rock exposures and caves (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Natural rock exposures and caves	Sparsely vegetated land - Other inland rock and scree	Medium
Inland cliff (High quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Inland cliff	Sparsely vegetated land - Other inland rock and scree	Medium
Acidic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Screes	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Acidic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Limestone pavement	Sparsely vegetated land - Limestone pavement	V.High
Other natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other acidic natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other basic rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Quarry	Urban - Active sand pit quarry or open cast mine	Low
Spoil heap	Urban - Active sand pit quarry or open cast mine	Low
Mine	Urban - Active sand pit quarry or open cast mine	Low
Refuse tip	Urban - Artificial unvegetated, unsealed surface	V.Low
Cultivated/disturbed ground	Cropland - Cereal crops	Low
Arable	Cropland - Cereal crops	Low
Amenity grassland	Grassland - Modified grassland	Low
Ephemeral / short perennial	Sparsely vegetated land - Ruderal/Ephemeral	Low
Introduced shrub	Urban - Introduced shrub	Low
Fence	Urban - Built linear features	V.Low
Wall	Urban - Built linear features	V.Low
Built-up areas	Urban - Developed land; sealed surface	V.Low
Caravans	Urban - Developed land; sealed surface	V.Low
Sea wall (artificial materials)	Urban - Developed land; sealed surface	V.Low
Buildings	Urban - Developed land; sealed surface	V.Low
Bare ground	Urban - Vacant/derelict land/ bareground	Low


The Biodiversity Metric 3.0 - Calculation Tool
Technical Data
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All area habitats
Area habitat groups
Multipliers
Temporal multipliers
Enhancement temporal multipliers
Hedgerow data
River data
Condition data
Metric /Phase 1 translation