

The Statutory Biodiversity Metric

Start page

Project details			
Planning authority:	Hinckley and Bosworth Borough Council		
Project name:	Barton Lane, Congerstone		
Applicant:	C and N Stamper		
Application type:			
Planning application reference:			
Completed by:	Ria Dennis		
Date of metric completion:	23 April 2024		
Reviewer:	Lucy Gallop		
Calculation iteration:	V1R4		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	1.18	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

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Results

Cell style conventions	
	Attention required
	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

View all

Reset view

On-site baseline map



Insert

On-site baseline map reference number

SE_7763_BIA Baseline_V1R

On-site post intervention map



Insert

On-site post-intervention map reference number

7763_BIA Proposed

Off-site baseline map

Insert

Off-site baseline map reference number

Off-site post intervention map

Insert

Off-site post-intervention reference number

Key

Area habitats

Hedgerows and lines of trees

Watercourses

The Statutory Biodiversity Metric
Main menu

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Technical data

Results

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small	5	0.0204		0.0000		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	5	0.0204	0	0.0000	0	0.0000

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On-site baseline

A-1 On-site Area Habitat Baseline

B-1 On-site Hedge Baseline

C-1 On-site Watercourse Baseline

On-site post development

A-2 On-site Area Habitat Creation

A-3 On-site Area Habitat Enhancement

B-2 On-site Hedge Creation

B-3 On-site Hedge Enhancement

C-2 On-site Watercourse Creation

C-3 On-site Watercourse Enhancement

Off-site baseline

D-1 Off-site Area Habitat Baseline

E-1 Off-site Hedge Baseline

F-1 Off-site Watercourse Baseline

Off-site post development

D-2 Off-site Area Habitat Creation

D-3 Off-site Area Habitat Enhancement

E-2 Off-site Hedge Creation

E-3 Off-site Hedge Enhancement

F-2 Off-site Watercourse Creation

F-3 Off-site Watercourse Enhancement

The Statutory Biodiversity Metric Results

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Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Irreplaceable
habitats summary

Unit shortfall
summary

Barton Lane, Congerstone

Headline Results

Scroll down for final results ☐

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On-site baseline	Habitat units	3.65		
	Hedgerow units	1.36		
	Watercourse units	2.61		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	3.84		
	Hedgerow units	1.76		
	Watercourse units	2.61		
On-site net change (units & percentage)	Habitat units	0.18	4.98%	On-site net gain is less than target set ☐
	Hedgerow units	0.40	29.70%	
	Watercourse units	0.00	0.00%	On-site net gain is less than target set ☐

Off-site baseline	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site net change (units & percentage)	Habitat units	0.00	0.00%	
	Hedgerow units	0.00	0.00%	
	Watercourse units	0.00	0.00%	

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	0.18		
	Hedgerow units	0.40		
	Watercourse units	0.00		
Spatial risk multiplier (SRM) deductions	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		

FINAL RESULTS			
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	0.18	
	Hedgerow units	0.40	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	4.98%	Total net gain achieved is less than target set ▲
	Hedgerow units	29.70%	
	Watercourse units	0.00%	Total net gain achieved is less than target set ▲
Trading rules satisfied?	Yes ✓		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	3.65	4.02	0.18	No additional hedgerow units required to meet target ✓
Hedgerow units	10.00%	1.36	1.49	0.00	
Watercourse units	10.00%	2.61	2.87	0.26	

Input errors/rule breaks present in metric ▲

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Trading summary hedgerows

Trading summary watercourses

Trading Summary			
Distinctiveness Group		Trading Rule	Trading Satisfied?
Very High		Some habitat required - Species compensation option	Yes ✓
High		Some habitat required -	Yes ✓
Medium		Some habitat required - Habitat required (2%)	Yes ✓
Low		Some distinctiveness or better habitat required 2	Yes ✓

Very High Distinctiveness Summary

Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses. Like for like not satisfied	0.00

High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses. Like for like not satisfied	0.00

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	1.59	✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	0.00	
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00	
Cumulative surplus of units	1.59	✓

Low Distinctiveness Summary

Low Distinctiveness net change in units	-1.41	☐
Cumulative surplus of units	0.18	✓

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 - Traditional wetland meadow and C2/GM	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H04/50)	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 - Heath with sea buckthorn (H21/60)	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 - Mire 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 (H11/70)	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 dune	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 Replacement for felled woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland beech and sycamore 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 oakwoods	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 bryozoan reefs - Mussels	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral bryozoan reefs - Subellaria	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	
Intertidal sediment - Littoral scarpes	Intertidal sediment	0.00	0.00	0.00	0.00

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 and nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	
Grassland - Other lowland arable grassland	Grassland	0.00	0.00	0.00	
Grassland - Other wetland grassland	Grassland	-1.40	0.00	-1.40	1.40
Grassland - Upland and grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Blackberry scrub	Heathland and shrub	-21.12	0.00	-21.12	
Heathland and shrub - Bramble scrub	Heathland and shrub	-20.02	0.00	-20.02	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	0.12
Heathland and shrub - Willow 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	0.26	0.00	0.26	
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 - Concrete and tarmac	Urban	0.00	0.00	0.00	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	0.00
Individual trees - Broad tree	Individual trees	0.00	0.00	0.00	0.00
Woodland and forest - Other Scots pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other woodland (broadleaved)	Woodland and forest	0.00	0.00	0.00	0.00
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 (HGG)	Intertidal hard structures	0.00	0.00	0.00	
		1.59	0.00	1.59	

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 - Winter stubble	Cropland	0.00	0.00	0.00
Grassland - Modified grassland	Grassland	-1.00	0.00	-1.00
Grassland - Bracken	Grassland	0.00	0.00	0.00
Heathland and shrub - Blackberry 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 - Random ephemeral	Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land - Tall fens	Sparsely vegetated land	0.00	0.00	0.00
Urban - Bioswale	Urban	0.00	0.00	0.00
Urban - Bare ground	Urban	0.00	0.00	0.00
Urban - Allotments	Urban	0.00	0.00	0.00
Urban - Freckle 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 - Intolerant shrub	Urban	0.00	0.00	0.00
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 drainage systems	Urban	0.00	0.00	0.00
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00
Urban - Vegetated garden	Urban	0.00	0.00	0.00
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 scarpes	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral bryozoan reefs	Intertidal sediment	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures	Intertidal hard structures	0.00	0.00	0.00
Intertidal hard structures - Artificial features of hard structures	Intertidal hard structures	0.00	0.00	0.00
Heathland and shrub - Other sea buckthorn scrub	Heathland and shrub	0.00	0.00	0.00
		-1.41	0.00	-1.41

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Trading summary area habitats

Trading summary watercourses

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required =	Yes ✓
High	Like for like or better	Yes ✓
Medium	Same distinctiveness or better habitat required	Yes ✓
Low	Same distinctiveness or better habitat required	Yes ✓
Very Low	Same distinctiveness or better habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	1.62	0.00	1.62 ✓
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	1.62	0.00	1.62

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	-1.28	0.00	-1.28 □
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00
	-1.28	0.00	-1.28

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.07	0.00	0.07 ✓
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.07	0.00	0.07

Very Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	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
Remaining losses; Like for like not satisfied	0.00

High Distinctiveness Summary		
High Distinctiveness Units available to offset lower distinctiveness deficit	1.62	✓
High Distinctiveness losses to be offset by trading up	0.00	
Higher Distinctiveness surplus units minus any high distinctiveness deficit	0.00	

Medium Distinctiveness Summary		
Units available from higher distinctiveness habitats	1.62	✓
Medium Distinctiveness net change in units	-1.28	□
Cumulative availability of units	0.34	✓

Low Distinctiveness Summary		
Low Distinctiveness net change in units	0.07	✓
Cumulative availability of units	0.40	✓

Very Low Distinctiveness Summary	
Very Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.40 ✓

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Trading summary area habitats

Trading summary hedgerows

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required – bespoke compensation option ☐	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same habitat required =	Yes ✓
Low	Better distinctiveness habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Priority habitat	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	0.00	0.00	0.00
	0.00	0.00	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Ditches	0.00	0.00	0.00
Canals	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Culvert	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
Remaining losses; Like for like not satisfied	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Area habitat summary	
Total Net Unit Change	0.18
Total Net % Change	-4.98%
Trading Rules Satisfied	Yes ✓

Ref	Existing area habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline
	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance		Total habitat units
1	Grassland	Modified grassland	No	0.827	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required ≥	1.82
2	Grassland	Modified grassland	No	0.129	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required ≥	0.28
3	Grassland	Modified grassland	No	0.0337	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required ≥	0.07
4	Heathland and shrub	Blackthorn scrub	No	0.0018	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)	0.01
5	Heathland and shrub	Blackthorn scrub	No	0.0322	Medium	Poor	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)	0.14
6	Heathland and shrub	Bramble scrub	No	0.0037	Medium	Condition Assessment N/A	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)	0.02
7	Urban	Developed land; sealed surface	No	0.006	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
8	Woodland and forest	Other woodland; broadleaved	No	0.0242	Medium	Moderate	Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)	0.22
9	Woodland and forest	Other woodland; broadleaved	No	0.1237	Medium	Moderate	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)	1.09
10									
11									
12									
13									
14									
				Total habitat area	1.18				
				Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	1.18				

						Bespoke compensation agreed for losses of VHDI or irreplaceable habitat	Comments		
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		User comments	Planning authority comments	Habitat reference number
0	0	0.00	0.00	0.83	1.82		A condition assessment was undertaken on the grassland, it failed criteria A as there were less than 6 species per m2, therefore can only achieve a poor condition. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0.129	0.00	0.28	0.00	0.00		A condition assessment was undertaken on the grassland, it failed criteria A as there were less than 6 species per m2, therefore can only achieve a poor condition. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0.0337	0.00	0.07	0.00	0.00		A condition assesment was undertaken on the grassland, it failed criteria A as there were less than 6 species per m2, therefore can only achieve a poor condition. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0	0.00	0.00	0.00	0.01		There were two areas of blackthorn scrub on site, this habitat was condition assessed as poor as it only passed criteria C - absence of invasive non-native species. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0.0322	0.00	0.14	0.00	0.00		There were two areas of blackthorn scrub on site, this habitat was condition assessed as poor as it only passed criteria C - absence of invasive non-native species. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0.0037	0.00	0.02	0.00	0.00		There is an area of bramble scrub on site. This habitat does not require a condition assessment. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0	0.00	0.00	0.01	0.00		This area is at the entrance of the site and a small area associated with a horse shelter. A condition assessment is not required for this habitat.		
0.0242	0	0.22	0.00	0.00	0.00		This habitat is a small section of woodland in the northwest of the site that is classified as HPI deciduous and broadleaved woodland on MAGIC, hence the strategic significance. This habitat was condition assessed and scored 31 on the woodland criteria giving a moderate condition.		
0.1237	0	1.09	0.00	0.00	0.00		This habitat was condition assessed and scored 31 on the woodland criteria giving a moderate condition. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0.15	0.20	1.31	0.52	0.83	1.83				
				Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	0.83				

M² to hectares conversion tool:	Select a unit	Hectares	M²

Project Name: Barton Lane, Congerstone Map Reference: RSE 7763 BIA Proposed V1R4
A-2 On-Site Habitat Creation

Condense / Show Columns

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Area habitat summary	
Total Net Unit Change	0.18
Total Net % Change	4.98%
Trading Rules Satisfied	Yes ✓
Area Check	Area Acceptable ✓

	Post intervention habitats												
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty	Habitat units delivered	Comments		
				Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation		User comments	Planning authority comments	Habitat reference number
1	Grassland	Modified grassland	0.1508	Low	Poor	Location ecologically desirable but not in local strategy	Standard time to target condition applied	1	Low	0.32	This habitat will be areas of amenity grassland at plot frontages, this area is likely to have high footfall so not anticipated to achieve a condition greater than poor. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
2	Grassland	Other neutral grassland	0.0514	Medium	Moderate	Location ecologically desirable but not in local strategy	Standard time to target condition applied	5	Low	0.38	An area in the south of the site will be planted as a wildflower meadow. This habitat could achieve a moderate condition if the following criteria are met; a seed mix such as N4F Summer Flowering Butterfly & Bee Mix, the sward is kept vaired, 20% over 7cm, 20% under, combined cover of species indicative of suboptimal conditions and physical damage accounts for less than 5% of total area and an absence of invasive species. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
3	Urban	Developed land; sealed surface	0.4142	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	This area will comprise of houses, parking spaces and associated access roads. A condition assessment is not required for this habitat.		
4	Urban	Sustainable drainage system	0.0365	Low	Moderate	Location ecologically desirable but not in local strategy	Standard time to target condition applied	3	Medium	0.10	A SUD feature is being created in the north of the site it can achieve a moderate condition if the following criteria are met; the vegetation structure is varied, the habitat contains dfferent plant species beneficial for wildlife, invasive species are absent from site, vegetation is comprised of palnt species suitable for wetland and riparian zones. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
5	Urban	Vegetated garden	0.1819	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.35	This area will be the private vegetated gardens of the houses. A condition assessment is not required for this habitat.		
6	Individual trees	Urban tree	0.0204	Medium	Poor	Location ecologically desirable but not in local strategy	Standard time to target condition applied	10	Low	0.06	Five small native trees will be planted on site. As they will be street trees it is assumed they will only achieve a poor condition. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
7													
8													
9													
10													
		Total habitat area	0.86							1.21			

Hedgerow summary	
Total Net Unit Change	0.40
Total Net % Change	29.70%
Trading Rules Satisfied	Yes ✓

Existing hedgerow habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance		Total hedgerow units
1		Native hedgerow with trees	0.016	Medium	Moderate	Location ecologically desirable but not in local strategy	Same distinctiveness band or better	0.14
2		Native hedgerow with trees	0.13	Medium	Moderate	Location ecologically desirable but not in local strategy	Same distinctiveness band or better	1.14
3		Native hedgerow	0.033	Low	Poor	Location ecologically desirable but not in local strategy	Same distinctiveness band or better	0.07
4								
5								
6								
7								
				0.18				1.36

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0	0	0.00	0.00	0.02	0.14	This hedgerow was condition assessed as moderate, passing criteria A1, A2, B1, B2, D1, D2, E1 and E2. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0.13	0.00	1.14	0.00	0.00	This hedgerow was condition assessed as moderate, passing criteria A1, A2, B1, B2, D1, D2, E1 and E2. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0	0.033	0.00	0.07	0.00	0.00	There are two hawthorn hedges on site, these were condition assessed as poor as it only passed criteria B2, D1, D2. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0.00	0.16	0.00	1.22	0.02	0.14			

Project Name: Barton Lane, Congerstone Map Reference: RSE_7763_BIA Proposed

B-2 On-Site Hedge Creation

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Hedgerow summary	
Total Net Unit Change	0.40
Total Net % Change	29.70%
Trading Rules Satisfied	Yes ✓

		Proposed habitats		Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty risk multipliers	Hedge units delivered	Comments		
Ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation		User comments	Planning authority comments	Habitat reference number
1													
2													
3													
4													
5													
			0.00							0.00			

B-3 On-Site Hedge Enhancement

Condense / Show Columns

Condense / Show

Main Menu

Hedgerow summary	
Total Net Unit Change	0.40
Total Net % Change	29.70%
Trading Rules Satisfied	Yes ✓

Baseline Habitats		Post intervention habitats										Hedge units delivered	Comments		
Baseline ref	Baseline habitat	Proposed habitat	Change in distinctiveness and condition		Length (km)	Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty risk multipliers		User comments	Planning authority comments	Habitat reference number
			Distinctiveness movement	Condition movement					Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of enhancement				
2	Native hedgerow with trees	Species-rich native hedgerow with trees	Medium - High	Lower Distinctiveness Habitat - Moderate	0.13	High	Moderate	Location ecologically desirable but not in local strategy	Standard time to target condition applied	5	Low	1.62	These hedgerows are to be enhanced to species rich this can be done by planting species to ensure there are at least 5 woody species per 30m of hedge, species could include, blackthorn, hazel, elder, elm, dogwood, dog rose, spindle. It is considered they can achieve a moderate condition if the following criteria are met; A1, A2, B1, B2, D1, D2. This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
3	Native hedgerow	Native hedgerow	Low - Low	Poor - Moderate	0.033	Low	Moderate	Location ecologically desirable but not in local strategy	Standard time to target condition applied	3	Low	0.14	This hedgerow is to be enhanced to moderate condition. It is considered that the hedgerow can achieve a moderate condition by implementing continued management of the habitat to meet the following criteria in the conditions assessment: A1, A2, B1, B2, D1, D2 This habitat is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
					0.16							1.76			

Project Name: Barton Lane, Congerstone	Map Reference: NSE 2572 HPI Design V1004
C-1 On-Site WaterC' Baseline	

Condense / Show Columns

Condense / Show Rows

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Watercourse summary	
Total Net Unit Change	0.00
Total Net % Change	0.00%
Trading Rules Satisfied	Yes ✓

Existing watercourse type			Distinctiveness	Condition	Strategic significance	Watercourse encroachment	Riparian encroachment	Required Action to Meet Trading Rules	Ecological baseline
Ref	Watercourse type	Length (km)	Distinctiveness	Condition	Strategic significance	Extent of encroachment	Extent of encroachment for both banks		Total watercourse units
1	Other rivers and streams	0.189	High	Moderate	Formally identified in local strategy	No Encroachment	No Encroachment/ No Encroachment	Same habitat required =	2.61
2									
3									
4									
5									
6									
		0.19							2.61

						Bespoke compensation agreed for losses of VHDD	Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length Lost	Units Lost		User Comments	Planning authority comments	Habitat reference number
0.189	0	2.61	0.00	0.00			RCA not undertaken in River Sense therefore condition defaulted to moderate at this time. This watercourse has been assessed to have no encroachment as its m away from proposed works and developed land. This watercourse is connected to the River Sense LWS as well as being connected to HPI woodland, hence the strategic significance.		
0.19	0.00	2.61	0.00	0.00	0.00				

Project Name: Barton Lane, Congerstone Map Reference:
RSE 7763 RIA Proposed V1R4

C-2 On-Site WaterC' Creation

Watercourse summary	
Total Net Unit Change	0.00
Total Net % Change	0.00%
Trading Rules Satisfied	Yes ✓

Condense / Show Columns

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Condense / Show Rows

Ref	Proposed habitats		Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty multipliers	Watercourse encroachment	Riparian encroachment	Watercourse units delivered	Comments		
	Watercourse type	Length (km)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation	Extent of encroachment	Extent of encroachment for both banks		User comments	Planning authority comments	Habitat reference number
1														
2														
3														
4														
5														
		0.00										0.00		

C-3 On-Site WaterC' Enhancement

C-3 On-Site WaterC' Enhancement

Condense / Show Columns

Condense / Show Rows

Watercourse summary	
Total Net Unit Change	0.00
Total Net % Change	0.00%
Trading Rules Satisfied	Yes ✓

[illegible]