

The Biodiversity Metric 4.0 - Calculation Tool

Start page

Project details			
Planning authority:	Leicestershire County Council		
Project name:	Crabtree Farm, Barwell. Phase A - East Field 16 Dwellings		
Applicant:	Fort Estates Ltd.		
Application type:	Full Application		
Planning application reference:			
Completed by:	FPCR HEH		
Date of metric completion:	01.12.23		
Reviewer:	KDG		
Version control:			
Consenting body reviewer:			
Date of consenting body review:			
Target % net gain:	10%		
Irreplaceable habitat present on-site at baseline:	No		
Total site area (including irreplaceable habitat area):	0.64	Irreplaceable habitat area at baseline:	0.00

Instructions

Main menu

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 post intervention map

Insert

On-site baseline map reference number

On-site post-intervention map reference number

Off-site baseline map

Insert

Off-site post intervention map

Insert

Off-site baseline map reference number

Off-site post-intervention reference number

The Biodiversity Metric 4.0 - Calculation Tool

Instructions

Double click the front page below to open the file

Start page

Main menu

Phase 1 - metric
habitat translation
tool

This guide can also be found as an Appendix to the main
Biodiversity Metric 4.0 – User guide.

The Biodiversity Metric 4.0

Short Data Input Guide

First published March 2023

Natural England Joint Publication JP039

www.gov.uk/natural-england



Key

Area habitats

Hedgerows and lines of trees

Watercourses

The Biodiversity Metric 4.0 - Calculation Tool

Main menu

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- Instructions
- Technical data
- Results

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	75	0.3054		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000	1	0.0765
Total	0	0.0000	75	0.3054	1	0.0765

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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

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Results

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Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

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On-site baseline	Habitat units	2.55		
	Hedgerow units	1.54		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.81		
	Hedgerow units	1.06		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	-1.74	-68.39%	On-site net gain is less than target set
	Hedgerow units	-0.48	-31.22%	On-site net gain is less than target set
	Watercourse units	0.00	0.00%	

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	-1.74		
	Hedgerow units	-0.48		
	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	-1.74
	Hedgerow units	-0.48
	Watercourse units	0.00
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-68.39%
	Hedgerow units	-31.22%
	Watercourse units	0.00%
Trading rules satisfied?	No - Check Trading Summaries ▲	

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	2.55	2.80	2.00	
Hedgerow units	10.00%	1.54	1.69	0.63	
Watercourse units	10.00%	0.00	0.00	0.00	Unit requirement met or surpassed

Summary Figures

Nep project biodiversity units		<i>Habitat units</i>
(including all on-site & off-habitat retention + creation)		<i>Habitats</i>
		9.80
		<i>Biodiversity units</i>
		0.76
		<i>% improvement</i>
		-0.04%
Total habitat biodiversity % change		<i>Habitat units</i>
(including all on-site & off-site habitat creation + retained habitat)		<i>Habitats</i>
		-0.28%
		<i>% improvement</i>
		0.00%
Combined habitat retention and enhancement		
Totals		Habitats
Watersheds		
Total on-site and off-site baseline area - length	0.22	0.22
Total on-site and off-site baseline units	2.25	1.54
Total on-site and off-site baseline area - length retained	0.00	0.00
Total on-site and off-site baseline units retained	0.00	0.00
Acreage proposed for enhancement	0.00	0.12
Baseline units proposed for enhancement	0.00	0.48
Total on-site and off-site baseline area - length total	0.22	0.34
Total on-site and off-site baseline units total	2.25	2.02
Total on-site and off-site baseline area - length lost	0.00	0.00
Total on-site and off-site baseline units lost	0.00	0.00

Area habitats

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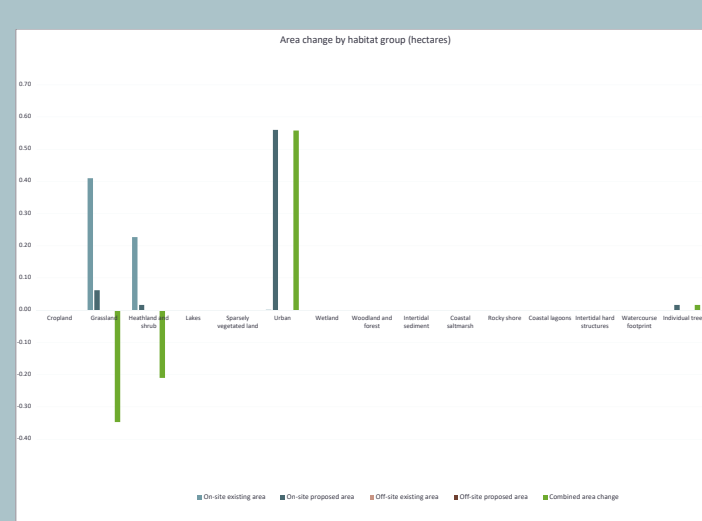
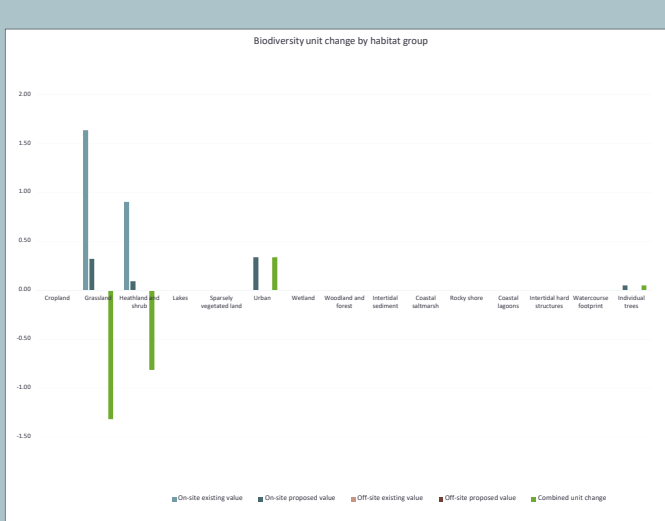
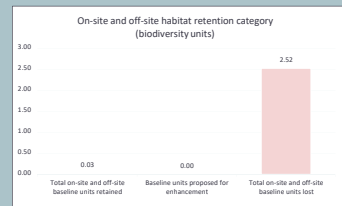
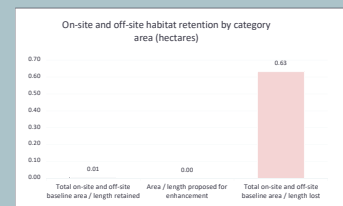
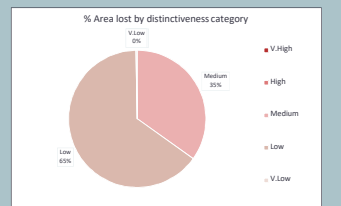
Hedgerows and lines of trees

Hydrogène type	On-site change by hydrogène type					
	Baseline		Post-development on-site		On-site change	
	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site length change	On-site rate change
Species-rich native herbaceous wetlands - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	-
Species-rich native herbaceous wetlands	0.00	0.00	0.00	0.00	0.00	-
Species-rich native herbaceous wetlands - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	-
Savary herbaceous wetlands - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	-
Savary herbaceous wetlands	0.00	0.00	0.00	0.00	0.00	-
Species-rich native herbaceous wetlands - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	-
Species-rich native herbaceous wetlands	0.00	0.00	0.00	0.00	0.00	-
Fragrant native herbaceous wetlands	0.00	0.00	0.00	0.00	0.00	-
Scrubland	0.00	0.00	0.00	0.00	0.00	-
Arable land	0.00	0.00	0.00	0.00	0.00	-
Crop fields	0.00	0.00	0.00	0.00	0.00	-
Grassland	0.00	0.00	0.00	0.00	0.00	-
Low level of trees	0.13	0.53	0.12	0.79	-0.01	-0.27
High level of trees	0.00	0.00	0.00	0.00	0.00	-
Lime of trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	-
Lime of trees	0.00	0.00	0.00	0.00	0.00	-

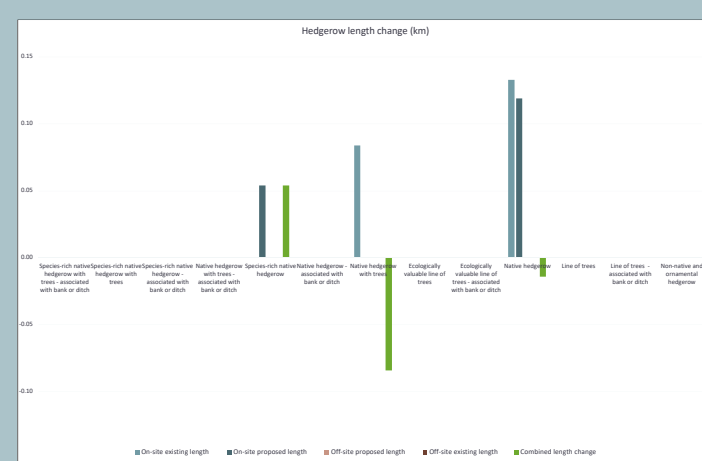
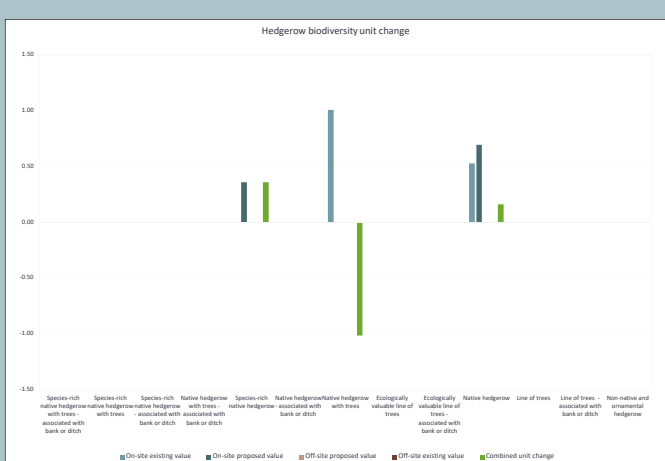
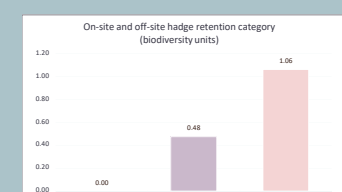
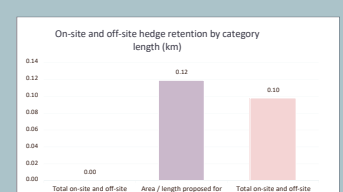
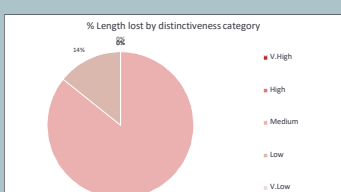
Off-site change by hedger type				
Hedger type	Off-site basis existing hedge	Off-site basis existing value	Post-disruption off-site proposed hedge	Off-site change
Swaps (see notes hedger and swap), associated with bank in drink	0.00	0.00	0.00	0.00
Swaps (see notes hedger and swap), associated with bank in good	0.00	0.00	0.00	0.00
Swaps (see notes hedger and swap), associated with bank in liquid	0.00	0.00	0.00	0.00
Swaps (see notes hedger and swap), associated with bank in strong	0.00	0.00	0.00	0.00
Swaps (see notes hedger and swap), associated with bank in very strong	0.00	0.00	0.00	0.00
Notes (hedger and swap), associated with bank in drink	0.00	0.00	0.00	0.00
Notes (hedger and swap), associated with bank in good	0.00	0.00	0.00	0.00
Notes (hedger and swap), associated with bank in liquid	0.00	0.00	0.00	0.00
Notes (hedger and swap), associated with bank in strong	0.00	0.00	0.00	0.00
Notes (hedger and swap), associated with bank in very strong	0.00	0.00	0.00	0.00
Preferential, related with bank in drink	0.00	0.00	0.00	0.00
Preferential, related with bank in good	0.00	0.00	0.00	0.00
Preferential, related with bank in liquid	0.00	0.00	0.00	0.00
Preferential, related with bank in strong	0.00	0.00	0.00	0.00
Preferential, related with bank in very strong	0.00	0.00	0.00	0.00
Limit of time, associated with bank in drink	0.00	0.00	0.00	0.00
Limit of time, associated with bank in good	0.00	0.00	0.00	0.00
Limit of time, associated with bank in liquid	0.00	0.00	0.00	0.00
Limit of time, associated with bank in strong	0.00	0.00	0.00	0.00
Limit of time, associated with bank in very strong	0.00	0.00	0.00	0.00

[illegible]

Combined area lost by distinctiveness band		
Category	Area lost (hectares)	Area lost (%)
V.High	0	
High	0	
Medium	0.2204	35
Low	0.4011	65
V.Low	0.0019	0



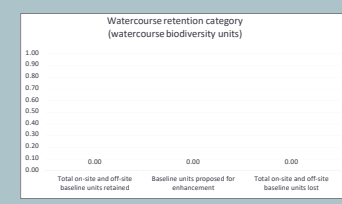
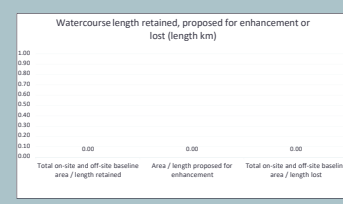
Combined length lost by distinctiveness band		
Category	Length lost (km)	Length lost (%)
V.High	0	
High	0	
Medium	0.084	36
Low	0.014	14
V.Low	0	



Watercourses

Watersource type	On-site change by watersource type					
	Baseline		Post-development on site		On-site change	
	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site length change	On-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.0	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Creeks	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

Combined length lost by distinctiveness band		
Category	Length lost (km)	Length lost (%)
V.High	0	
High	0	
Medium	0	
Low	0	



Watercourse type	Off-site change by watercourse type					
	Baseline		Post development off-site		Off-site Change	
	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site length change	Off-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.0	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

Watercourse biodiversity unit change

Category	On-site existing value	On-site proposed value	Off-site existing value	Off-site proposed value	Combined with change
Priority habitat	0.00	0.00	0.00	0.00	0.00
Other rivers and streams	0.00	0.00	0.00	0.00	0.00
Ditches	0.00	0.00	0.00	0.00	0.00
Canals	0.00	0.00	0.00	0.00	0.00
Culverts	0.00	0.00	0.00	0.00	0.00

Watercourse type	Combined on-site and off-site change by watercourse type					
	Benefits		Post-development on-site		On-site change	
	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change	Combined unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.0	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Creeks	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0



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Trading summary
hedgecrows

Trading summary
Watercourses

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 [1]	No ✖
Low		Same distinctiveness or better habitat required ≥	No ✖

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 mixed 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 mire and quaking bog (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 scraggs 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

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 and CUGM	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 - Dunes with sea buckthorn (H2160)	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 (H3170)	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 duneage	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 - Reedsbels	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	
Intertidal sediment - Littoral seagrass	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: Lake for lake not satisfied	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 neutral grassland	Grassland	0.28	0.00	0.28	0.28
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 - Blackthorn scrub	Heathland and shrub	-0.28	0.00	-0.28	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	-0.21
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	
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	
Lakes - Ponds (non-priority habitat)	Lakes	0.00	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	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	
Individual trees - Urban tree	Individual trees	0.05	0.00	0.05	0.05
Individual trees - Rural tree	Individual trees	0.00	0.00	0.00	
Woodland and forest - Other Scots pine woodland	Woodland and forest	0.00	0.00	0.00	0.00
Woodland and forest - Other woodland/broadleaved	Woodland and forest	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	0.00
Intertidal sediment - Littoral sand	Intertidal sediment	0.00	0.00	0.00	
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (ROGI)	Intertidal hard structures	0.00	0.00	0.00	
		-0.48	0.00	-0.48	

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.33
Medium Distinctiveness Broad Habitat Deficit to be offset by trading up	-0.81
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	-0.81
Cumulative surplus of units	-0.48

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	-2.00	0.00	-2.00
Grassland - Hecker	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 - Fens/development	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 - 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 - Intensive green roof	Urban	0.04	0.00	0.04
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 system	Urban	0.00	0.00	0.00
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00
Urban - Vegetated garden	Urban	-0.30	0.00	-0.30
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 estuaries	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 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
		-1.26		-1.26

Low Distinctiveness Summary	
Low Distinctiveness net change in units	-1.26
Cumulative surplus of units	-1.26

Return to results menu

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	No ✖
Low/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	0.00	0.00	0.00
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
	0.00	0.00	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.36	0.00	0.36
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	-1.00	0.00	-1.00
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
	-0.65	0.00	-0.65

Low/Very Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.17	0.00	0.17
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
Non-native and ornamental hedgerow	0.00	0.00	0.00
	0.17	0.00	0.17

Very High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit; Like for like not satisfied	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit; Like for like or better not satisfied	0.00

Medium Distinctiveness Summary	
Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	-0.65
Cumulative availability of units	-0.65

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.17
Cumulative availability of units	0.17

Project Name: Crabtree Farm, Barwell. Phase A - East Field 16 Dwellings Map

A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Area habitat summary

Total Net Unit Change

-1.74

Total Net % Change

-68.39%

Trading Rules Satisfied

No - check trading summaries ▲

Existing area habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline
Ref	Broad Habitat	Habitat Type	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic Significance multiplier		Total habitat units
1	Grassland	Modified grassland	0.4101	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	1.64
2	Heathland and shrub	Bramble scrub	0.2268	Medium	4	Condition Assessment N/A	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required (≥)	0.91
3	Urban	Developed land; sealed surface	0.0019	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
4												
5												
6												
7												
8												
			Total habitat area									2.55
			Site Area (Excluding area of Individual trees and Green walls)									

M² to hectares conversion tool:

Select a unit

Hectares

M²

Retention category biodiversity value

Area retained

Area enhanced

Baseline units retained

Baseline units enhanced

Area habitat lost

Units lost

Bespoke compensation agreed for unacceptable losses

User comments

Consenting body comments

GIS reference number

0	0	0.00	0.00	0.41	1.64			
0.0064	0	0.03	0.00	0.22	0.88			
0	0	0.00	0.00	0.00	0.00			
0.01	0.00	0.03	0.00	0.63	2.52			

Total area lost (excluding area of Individual trees and Green walls)0.63

Project Name: Crabtree Farm, Barwell. Phase A - East Field 16 Dwellings

Map Reference:

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Area habitat summary	
Total Net Unit Change	-1.74
Total Net % Change	-68.39%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check (excluding individual trees and green walls)	Area Acceptable ✓

Post development/ post intervention habitats												
Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Temporal multiplier	Final time to target condition (years)	Difficulty	Habitat units delivered	Comments		GIS reference number
			Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition		Final difficulty of creation		User comments	Consenting body comments	
Grassland	Modified grassland	0.0202	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.04	Proposed cultivated turf		
Grassland	Other neutral grassland	0.0423	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.28	Proposed gerinal seeds EG8 around the SuDS and areas of wildfieler germinal WFG20		
Heathland and shrub	Mixed scrub	0.0102	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.07	Proposed native shrub mix		
Urban	Developed land; sealed surface	0.3838	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Medium	0.00	Roads, buildings etc.		
Urban	Introduced shrub	0.0215	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.04	Ornamental on-plot shrub planting		
Urban	Vegetated garden	0.1544	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.30	Rear gardens		
Individual trees	Urban tree	0.0163	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	27	Low	0.05	x4 small trees		
Total habitat area		0.65							0.78			

Site Area (Excluding area of Individual trees and Green walls)	0.63
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M² to hectares conversion tool:	Select a unit	Hectares	M²

Hedgerow summary	
Total Net Unit Change	-0.48
Total Net % Change	-31.22%
Trading Rules Satisfied	No - check trading summary ▲

	Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline	
Baseline ref	Hedge number	Hedgerow type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier		Total hedgerow units	
1	H4	Native hedgerow	0.091	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	0.36	
2	H5	Native hedgerow	0.042	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	0.17	
3	H6	Native hedgerow with trees	0.084	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	1.01	
4													
5													
6													
			0.22										1.54

Retention category biodiversity value						Comments		GIS reference number
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Consenting body comments	
0	0.091	0.00	0.36	0.00	0.00			
0	0.028	0.00	0.11	0.01	0.06			
0	0	0.00	0.00	0.08	1.01			
0.00	0.12	0.00	0.48	0.10	1.06			

Map Name: Crabtree Farm, Barwell, Phase A - East Field 16 Dwellings

Map Refe

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Hedgerow summary	
Total Net Unit Change	-0.48
Total Net % Change	-31.22%
Trading Rules Satisfied	No - check trading summary ▲

		Proposed habitats		Distinctiveness		Condition		Strategic significance			Temporal multiplier						Difficulty risk multipliers				Hedge units delivered	Comments		
Baseline ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	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		User comments	Consenting body comments	GIS reference number
1		Species-rich native hedgerow	0.054	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy		Low Strategic Significance	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.36			
2																								
3																								
4																								
5																								
			0.05																		0.36			

Hedgeron summary	
Total Net Unit Change	-0.08
Total Net % Change	-0.22%
Trading Rules Satisfied	No - check trading summary ▲