

The Statutory Biodiversity Metric

Auditing and accounting for biodiversity

Calculation Tool

Version 1.0.4

[Open Tool](#)



The Statutory Biodiversity Metric

Start page

Project details			
Planning authority:	Kirklees Council		
Project name:	Land off Highmoor Lane		
Applicant:	Thirteen Group		
Application type:	Planning		
Planning application reference:	TBC		
Completed by:	James Foster		
Date of metric completion:	14 November 2025		
Reviewer:	Adam West		
Calculation iteration:	1		
Planning authority reviewer:	TBC		
Date of planning authority review:	TBC		
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	1.48	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

Main menu

Results

Cell style conventions	
	Attention required
	Input errors/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

On-site post intervention map Insert

On-site post-intervention map reference number

Off-site baseline map Insert

Off-site baseline map reference number

Off-site post intervention map Insert

Off-site post-intervention reference number

The Statutory Biodiversity Metric Main menu

Key

- Area habitats
- Hedges and lines of trees
- Watercourses

Start page 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		26	0.1059		0.0000
Medium		0.0000		0.0000	2	0.0326
Large		0.0000		0.0000	1	0.0366
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	26	0.1059	3	0.0692

Start here



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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Land off Highmoor Lane

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Headline Results

Scroll down for final results ▲

On-site baseline	Area habitat units	13.80		
	Hedgerow units	1.42		
	Watercourse units	0.00		
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Area habitat units	4.35		
	Hedgerow units	1.01		
	Watercourse units	0.00		
On-site net change <small>(units & percentage)</small>	Area habitat units	-9.45	-68.47%	On-site net gain is less than target set ▲
	Hedgerow units	-0.41	-29.00%	On-site net gain is less than target set ▲
	Watercourse units	0.00	0.00%	

Off-site baseline	Area habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Area habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site net change <small>(units & percentage)</small>	Area habitat units	0.00	0.00%	
	Hedgerow units	0.00	0.00%	
	Watercourse units	0.00	0.00%	

Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Area habitat units	-9.45		
	Hedgerow units	-0.41		
	Watercourse units	0.00		
Spatial risk multiplier (SRM) deductions	Area habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		

FINAL RESULTS

Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Area habitat units	-9.45		
	Hedgerow units	-0.41		
	Watercourse units	0.00		

Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Area habitat units	-68.47%	Total net gain achieved is less than target set ▲
	Hedgerow units	-29.00%	Total net gain achieved is less than target set ▲
	Watercourse units	0.00%	

Trading rules satisfied? **No - Check Trading Summaries ▲**

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Area habitat units	10.00%	13.80	15.18	10.83
Hedgerow units	10.00%	1.42	1.56	0.55
Watercourse units	10.00%	0.00	0.00	0.00

No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

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Trading summary hedgrows

Trading summary watercourses

Trading Summary			
Distinctiveness Group	Trading Rule	Trading Satisfied?	
Very High	Same habitat required - bespoke compensation options &	Yes ✓	
High	Same habitat required =	Yes ✓	
Medium	Same habitat required or 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 meadow	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 - Regular low floodplain riverine wetlands	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Calluna heath	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 substrate (FF105)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Oceanic valley mire (FD1)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor grass and rush heath	Wetland	0.00	0.00	0.00	
Wetland - Transition mire and spongy bog (FF146)	Wetland	0.00	0.00	0.00	
Woodland and forest - Wood pasture and parkland	Woodland and forest	0.00	0.00	0.00	
Body above - High energy littoral rock - on peat, clay or chalk	Body above	0.00	0.00	0.00	
Body above - Moderate energy littoral rock - on peat, clay or chalk	Body above	0.00	0.00	0.00	
Body above - Low energy littoral rock - on peat, clay or chalk	Body above	0.00	0.00	0.00	
Body above - Features of littoral rock - on peat, clay or chalk	Body above	0.00	0.00	0.00	
Intertidal sediment - Littoral silt/clay on peat, clay or chalk	Intertidal sediment	0.00	0.00	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
Remaining losses: Loss for like not satisfied	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 meadow and CRGM	Grassland	0.00	0.00	0.00	
Grassland - Lowland meadow	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H8-20)	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 (H0146)	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 altitude lakes	Lakes	0.00	0.00	0.00	
Lakes - Low altitude lakes	Lakes	0.00	0.00	0.00	
Lakes - Mini lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate altitude lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat lakes	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and pools (H1170)	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 dunes	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Inland rock outcrops 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 - Broadleaved	Wetland	0.00	0.00	0.00	
Woodland and forest - Plantation/semi-plantation for timber production	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland broad and pine 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 hardwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed hardwood	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet woodland	Woodland and forest	0.00	0.00	0.00	
Coastal saltmarsh - Coastal saltmarsh	Coastal saltmarsh	0.00	0.00	0.00	
Body above - High energy littoral rock	Body above	0.00	0.00	0.00	
Body above - Moderate energy littoral rock	Body above	0.00	0.00	0.00	
Body above - Low energy littoral rock	Body above	0.00	0.00	0.00	
Body above - Features of littoral rock	Body above	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 meadows	Coastal saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Littoral brackish water - Maritime	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral brackish water - Sublittoral	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 pebbles	Intertidal sediment	0.00	0.00	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
Remaining losses: Loss 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 grass sward 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 rough	Cropland	0.00	0.00	0.00	
Cropland - Other broad and permanent	Cropland	0.00	0.00	0.00	
Grassland - Upland acid or neutral	Grassland	0.00	0.00	0.00	-0.86
Heathland and shrub - Broadleaved scrub	Heathland and shrub	0.00	0.00	0.00	
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	
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 - Peat (non peat) lakes	Lakes	0.00	0.00	0.00	0.00
Lakes - Reservoirs	Lakes	0.00	0.00	0.00	0.00
Sparsely vegetated land - Coastal rock and slopes	Sparsely vegetated land	0.00	0.00	0.00	0.00
Urban - Coniferous and deciduous	Urban	0.00	0.00	0.00	0.00
Urban - Broadleaf green roof	Urban	0.00	0.00	0.00	0.00
Individual trees - Single tree	Individual trees	0.00	0.00	0.00	0.00
Woodland and forest - Other Scot's pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other broadleaved forest	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other broadleaved forest	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	
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (R2C)	Intertidal hard structures	0.00	0.00	0.00	0.00
-10.86	0.00	-10.86	0.00	-10.86	

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Medium Distinctiveness broad habitat losses to be offset by trading up	-10.86
Medium Distinctiveness Unit deficit (required to meet trading rules)	-10.86

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 - Pasture orchards	Cropland	0.00	0.00	0.00	
Cropland - Non-cereal crops	Cropland	0.00	0.00	0.00	
Cropland - Temporary grassland/flower base	Cropland	0.00	0.00	0.00	
Cropland - Winter stubble	Cropland	0.00	0.00	0.00	
Grassland - Broadleaved grassland	Grassland	0.00	0.00	0.00	
Grassland - Broadleaved	Grassland	0.00	0.00	0.00	
Heathland and shrub - Broadleaved scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Calluna heath	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Broadleaved/deciduous	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Tall forbs	Sparsely vegetated land	0.00	0.00	0.00	
Urban - Broadleaved	Urban	0.00	0.00	0.00	
Urban - Broadleaved	Urban	0.00	0.00	0.00	
Urban - Broadleaved green wall	Urban	0.00	0.00	0.00	
Urban - Ground based green wall	Urban	0.00	0.00	0.00	
Urban - Ground based infrastructure	Urban	0.00	0.00	0.00	
Urban - Other green roof	Urban	0.00	0.00	0.00	
Urban - Intensive grass roof	Urban	0.00	0.00	0.00	
Urban - Intensive grass	Urban	0.00	0.00	0.00	
Urban - Rain garden	Urban	0.00	0.00	0.00	
Urban - Rain garden	Urban	0.00	0.00	0.00	
Urban - Semi-wooded area (quantity of open water cover)	Urban	0.00	0.00	0.00	
Urban - Semi-wooded area (quality)	Urban	0.00	0.00	0.00	
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00	
Woodland and forest - Other deciduous woodland	Woodland and forest	0.00	0.00	0.00	
Coastal saltmarsh - Artificial saltmarsh and saline meadows	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 mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral brackish water	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral brackish water	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	
0.00	0.00	0.00	0.00	0.00	

Low Distinctiveness Summary	
Units available to offset Low Distinctiveness deficit	-10.86
Low Distinctiveness net change in units	0.00
Cumulative projects of units	0.00

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Trading summary area habitats

Trading summary watercourses

Trading Summary

Distinctiveness Group	Trading Rule	Trading Believed?
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	No ▲
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

Very High Distinctiveness Summary

Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining balance (also for sites not evaluated)	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

High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
High Distinctiveness balance to be offset by watercourse	0.00
Higher Distinctiveness surplus units minus any high distinctiveness deficit	0.00

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	0.00	0.00	0.00
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
	0.00	0.00	0.00

Medium Distinctiveness Summary

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

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.23	0.00	0.23 ✓
Line of trees	0.23	0.00	0.23 ▲
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	-0.41	0.00	-0.41

Low Distinctiveness Summary

Low Distinctiveness net change in units	-0.41
Cumulative availability of units	-0.41 ▲

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 Low Distinctiveness Summary

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

Project Name: Lead off Highway Lane	Map Reference:
A-2 On-Site Habitat Creation	
Condition: / Over Criteria	Condition: / Over Basis
Main Menu	

Area SubMet summary	
Total Net Wet Change	-8.68
Total Net % Change	-28.47%
Trading Policy Indicator	Trading Policy Exceeded A
Area Class:	Area Acceptable /

Ref	Breed Habitat	Proposed habitat	Area (hectares)	Disturbance		Strategic significance	Temporal multiplier	Final time to target condition (Years)	Final difficulty of creation	Habitat value delivered	Comments		
				Disturbance	Condition						Other comments	Planning authority comments	Habitat reference number
1	Cheated	Meadow grassland	0.0420	Low	Medium	As an intervention and its local strategic importance	Standard case to target condition applied	4	Low	0.16			
2	Cheated	Other rural grassland	0.1293	Medium	Medium	As an intervention and its local strategic importance	Standard case to target condition applied	5	Low	0.19			
3	Woodland and scrub	Mixed scrub	0.0258	Medium	Medium	As an intervention and its local strategic importance	Standard case to target condition applied	5	Low	0.24			
4	Woods	Wet ground	0.0419	Low	Medium	As an intervention and its local strategic importance	Standard case to target condition applied	5	Low	0.14			
5	Woods	Developed level, raised surface	0.0849	Very Low	High - Other	As an intervention and its local strategic importance	Standard case to target condition applied	6	Low	0.00			
6	Woods	Vegetated garden	0.3058	Low	Condition Management N/A	As an intervention and its local strategic importance	Standard case to target condition applied	1	Low	0.59			
7	Woodland and trees	Other woodland, broadleaved	0.0251	Medium	Medium	As an intervention and its local strategic importance	Standard case to target condition applied	15	Low	0.03			
8	Individual trees	Mature trees	0.1259	Medium	Medium	As an intervention and its local strategic importance	Standard case to target condition applied	20	Low	0.02			
9													
10													
11													
12													
Total habitat area			1.38							8.16			

Site Area (Including area of individual trees, green roofs, hard-land structures)	1.80
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MP to achieve conversion tool:	Select a unit	Reference	MP
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Project Name: Land of Highmoor Lane		Map Reference:	
B-1 On-Site Hedge Baseline			
Candidate / Issue Category		Candidate / Issue Area	
Empty Sites			

Hedge survey summary	
Year first survey	2011
Year last survey	2019
Yearly Survey Method	By a desk & field survey A

Existing hedge survey habitat								Comments									
Ref	Hedge number	Habitat type	Length (m)	Disturbance	Condition	Strategic significance	Required Action to Meet Trading Rules	Biological Value	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Other reference number
1		Low hedge	0.131	Low	Medicine	Archaeological potential in local strategy/ no local strategy	None (archaeological based on survey)	0.131	0	0.01	0.01	0.10	0.01				
2		Native hedge	0.034	Low	Medicine	Archaeological potential in local strategy/ no local strategy	None (archaeological based on survey)	0.14	0.034	0	0.14	0.00	0.00	0.00			
3		Native and enhanced hedge	0.01	High	None	Archaeological potential in local strategy/ no local strategy	None (archaeological based on survey)	0.01	0.01	0	0.01	0.00	0.00				
4																	
5																	
6																	
7																	
8			0.28					1.48	0.08	0.05	0.15	0.00	0.18	0.04			