

The Statutory Biodiversity Metric

Start page

Project details

Planning authority:	Arun District Council		
Project name:	Land at Courtwick Lane, Wick, Littlehampton		
Applicant:	Morgans Property Consultants		
Application type:	Outline (Phase 2)		
Planning application reference:	n/a		
Completed by:	Lydia Galbraith ACIEEM, Ecologist		
Date of metric completion:	11 December 2024		
Reviewer:	Clare Caudwell CEcol MCIEEM, Director (Ecology)		
Calculation iteration:	v4		
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):	3.23	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

Cell style conventions

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

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Unit Shortfall by Tier/Module

Tier	Unit Shortfall
A1	29.29 ▲
A2	2.78 ▲
A3	0.00
A4	0.00
A5	0.00
H	0.00
W	0.00

*The spatial risk multiplier has been applied to all unit shortfall values.

Land at Courtwick Lane, Wick, Littlehampton
Headline Results
Scroll down for final results ▲

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On-site baseline	Habitat units	22.43		
	Hedgerow units	2.04		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	8.64		
	Hedgerow units	4.79		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	-13.79	-61.47%	On-site net gain is less than target set ▲
	Hedgerow units	2.74	134.12%	
	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	-13.79		
	Hedgerow units	2.74		
	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	-13.79	Total net gain achieved is less than target set ▲
	Hedgerow units	2.74	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-61.47%	
	Hedgerow units	134.12%	
	Watercourse units	0.00%	
Trading rules satisfied?	No - Check Trading Summaries ▲		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	22.43	24.68	16.03	
Hedgerow units	10.00%	2.04	2.25	0.00	No additional hedgerow units required to meet target ✓
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 ▲

Land at Courtwick Lane, Wick, Littlehampton
Detailed Results

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Summary Figures

Net project biodiversity units (including all on-site & off-site habitat retention / creation)	Habitat units	-10.79	
	Hedgegrow units	2.74	
	Watercourse units	0.00	
Total project biodiversity % change (including all on-site & off-site habitat creation + retained habitats)	Habitat units	-61.47%	
	Hedgegrow units	156.15%	
	Watercourse units	0.00%	
Combined habitat retention and enhancement			
	Habitats	Hedgegrow	Watercourses
Total on-site and off-site baseline area / length	4.56	0.36	0.00
Total on-site and off-site baseline units	25.43	2.64	0.00
Total on-site and off-site baseline area / length retained	0.62	0.35	0.00
Total on-site and off-site baseline units retained	4.66	1.87	0.00
Total on-site and off-site area / length proposed for enhancement	0.35	0.36	0.00
Total on-site and off-site baseline units proposed for enhancement	1.40	0.30	0.00
Total on-site and off-site baseline area / length lost	2.60	0.31	0.00
Total on-site and off-site baseline units lost	18.17	0.97	0.00

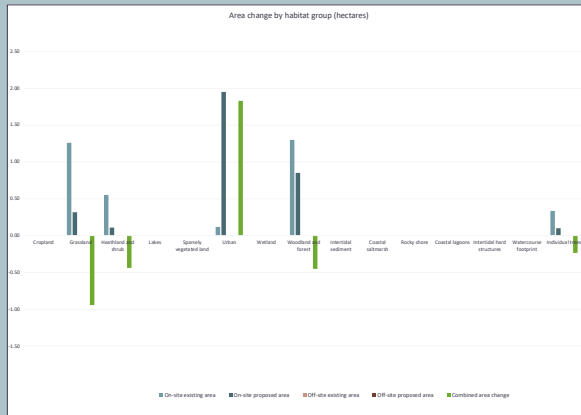
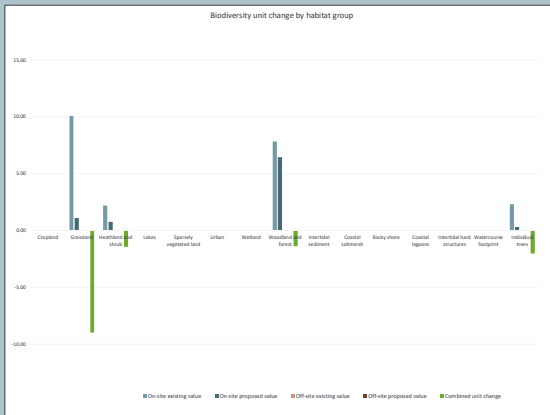
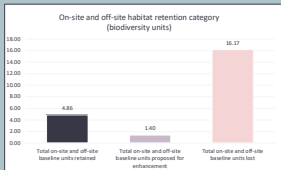
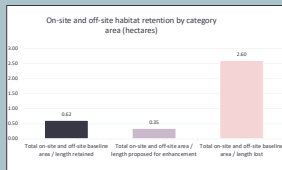
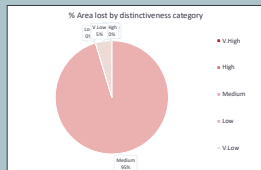
Area habitats

Habitat group	On-site change by broad habitat type					
	Baseline		Post-development on-site		On-site change	
	On-site existing area	On-site existing value	On-site proposed area	On-site proposed value	On-site area change	On-site unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Chenopod	1.28	10.08	0.35	1.11	-0.94	-8.97
Heathland and scrub	0.00	0.00	0.11	0.78	-0.44	-1.42
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Recently vacated land	0.00	0.00	0.00	0.00	0.00	0.00
Urban	0.12	0.00	1.95	0.00	1.83	0.00
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	1.30	7.84	0.00	6.45	-2.45	-1.39
Intertidal sediment	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse bedrock	0.00	0.00	0.00	0.00	0.00	0.00
Individual trees	0.31	2.31	0.10	0.30	-0.23	-0.91

Habitat group	Off-site change by broad habitat type					
	Baseline		Post-development off-site		Off-site change	
	Off-site existing area	Off-site existing value	Off-site proposed area	Off-site proposed value	Off-site area change	Off-site unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Chenopod	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and scrub	0.00	0.00	0.00	0.00	0.00	0.00
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Recently vacated land	0.00	0.00	0.00	0.00	0.00	0.00
Urban	0.00	0.00	0.00	0.00	0.00	0.00
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse bedrock	0.00	0.00	0.00	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00	0.00	0.00	0.00

Habitat group	Combined on-site and off-site change by broad habitat type					
	Baseline		On-site and off-site post-development		Combined change	
	Combined existing area	Combined existing value	Combined proposed area	Combined proposed value	Combined area change	Combined unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Chenopod	1.28	10.08	0.35	1.11	-0.94	-8.97
Heathland and scrub	0.00	0.00	0.11	0.78	-0.44	-1.42
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Recently vacated land	0.00	0.00	0.00	0.00	0.00	0.00
Urban	0.12	0.00	1.95	0.00	1.83	0.00
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	1.30	7.84	0.00	6.45	-2.45	-1.39
Intertidal sediment	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse bedrock	0.00	0.00	0.00	0.00	0.00	0.00
Individual trees	0.31	2.31	0.10	0.30	-0.23	-0.91

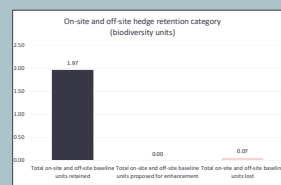
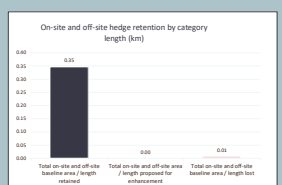
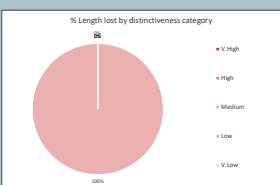
Combined area lost from baseline(s) by distinctiveness band		
Category	Area lost (hectares)	Area lost (%)
V/High	0	
High	0	
Medium	2.470	95
Low	0	
V/Low	0.18	5



Hedgegrow and lines of trees

Hedgegrow type	On-site change by hedgegrow 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
Species rich native hedgegrow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species rich native hedgegrow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Species rich native hedgegrow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgegrow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species rich native hedgegrow	0.00	0.00	0.38	2.53	0.38	2.53
Native hedgegrow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgegrow with trees	0.15	1.84	0.15	1.17	-0.01	-0.07
Ecologically valuable line of trees	0.00	0.00	0.00	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
Native hedgegrow	0.00	0.00	0.07	0.13	0.07	0.13
Line of trees	0.00	0.00	0.00	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.25	0.80	0.25	0.80
Non-native and ornamental hedgegrow	0.00	0.00	0.16	0.16	0.16	0.16

Combined length lost from baseline(s) by distinctiveness band		
Category	Length lost (km)	Length lost (%)
V/High	0	
High	0	
Medium	0.000	100
Low	0	
V/Low	0	

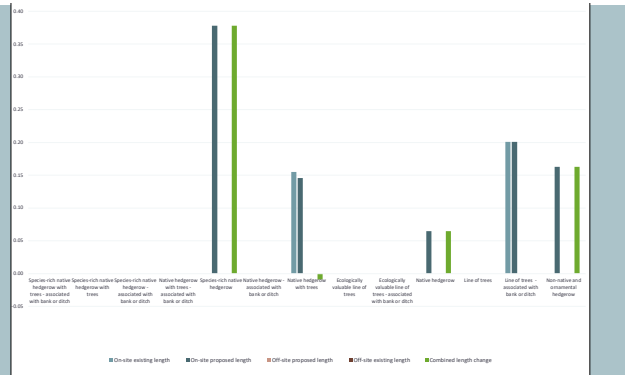
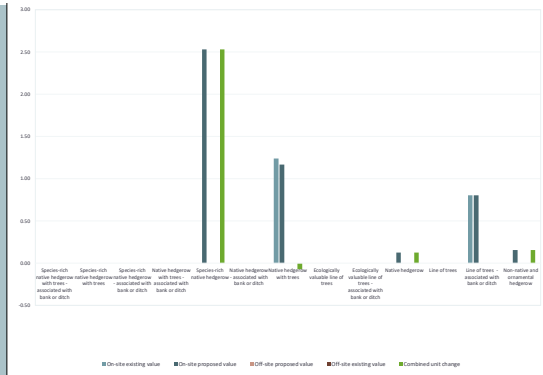


Hedgegrow biodiversity unit change

Hedgegrow length change (km)

Off-site change by hedgerow type						
Hedgerow type	Baseline		Post-development		Off-site change	
	On-site existing length	Off-site existing value	On-site proposed length	Off-site proposed value	Off-site length change	Off-site 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
Species-rich native hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00	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
Species-rich native hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00	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
Native hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Line of trees	0.00	0.00	0.00	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Non-native and ornamental hedgerow	0.00	0.00	0.00	0.00	0.00	0.00

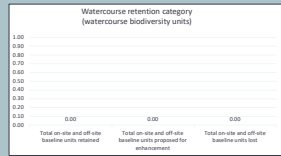
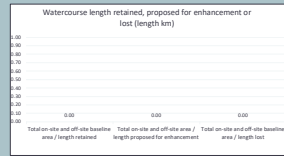
Combined on-site and off-site change by hedgerow type						
Hedgerow type	Baseline		Post-development		Change	
	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change	Combined unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00	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
Species-rich native hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees	0.16	0.16	0.16	0.16	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00	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
Native hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Line of trees	0.00	0.00	0.00	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Non-native and ornamental hedgerow	0.00	0.00	0.16	0.16	0.16	0.16



Watercourses

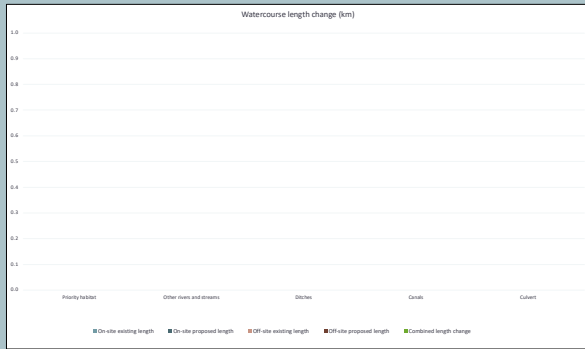
On-site change by watercourse type				
Watercourse type	Baseline		Post-development on site	
	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value
Priority habitat	0.0	0.0	0.0	0.0
Other rivers and streams	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0
Culverts	0.0	0.0	0.0	0.0

Combined length lost from baseline(s) by distinctiveness band		
Category	Length lost (km)	Length lost (%)
V-High	0	0
High	0	0
Medium	0	0
Low	0	0



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

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



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Trading summary hedgerows

Trading summary watercourses

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required - bespoke compensation option Δ	Yes $\checkmark$
High	Same habitat required =	Yes $\checkmark$
Medium	Same broad habitat or a higher distinctiveness habitat required (Σ)	No $\blacktriangle$
Low	Same distinctiveness or better habitat required $\geq$	Yes $\checkmark$

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 - Fans (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
Remaining losses; Like 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 mosaic and 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 - 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 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/Replacement for felled woodland	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	

High Distinctiveness Summary

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

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	0.00
Cropland - Arable field margins game bird mix	Cropland	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 acid grassland	Grassland	0.00	0.00	0.00	-9.24
Grassland - Other neutral grassland	Grassland	-9.24	0.00	-9.24	
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	-2.20	0.00	-2.20	-1.42
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	
Heathland and shrub - Mixed scrub	Heathland and shrub	0.78	0.00	0.78	
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	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	-2.01
Individual trees - Urban tree	Individual trees	-2.01	0.00	-2.01	
Individual trees - Rural tree	Individual trees	0.00	0.00	0.00	
Woodland and forest - Other Scot's pine woodland	Woodland and forest	0.00	0.00	0.00	-1.39
Woodland and forest - Other woodland, broadleaved	Woodland and forest	-1.39	0.00	-1.39	
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 (IGGI)	Intertidal hard structures	0.00	0.00	0.00	
		-14.06	0.00	-14.06	

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	-14.06	▲
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	-14.06	▲
Cumulative surplus of units	-14.06	▲

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 - Winter stubble	Cropland	0.00	0.00	0.00	
Grassland - Modified grassland	Grassland	0.27	0.00	0.27	✓
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	0.00	0.00	0.00	
Sparsely vegetated land - Tall forbs	Sparsely vegetated land	0.00	0.00	0.00	
Urban - Biscuete	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 - Introduced 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 system	Urban	0.00	0.00	0.00	
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00	
Urban - Vegetated garden	Urban	0.00	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	

Low Distinctiveness Summary		
Low Distinctiveness net change in units	0.27	✓
Cumulative surplus of units	0.27	✓

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 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
		0.27	0.00	0.27

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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	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	2.53	0.00	2.53 ✓
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	-0.07	0.00	-0.07 ⚠
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
	2.46	0.00	2.46

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.13	0.00	0.13 ✓
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.13	0.00	0.13

Very Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	0.16	0.00	0.16 ✓
	0.16	0.00	0.16

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
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	0.00
Medium Distinctiveness net change in units	2.46 ✓
Cumulative availability of units	2.46 ✓

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.13 ✓
Cumulative availability of units	2.59 ✓

Very Low Distinctiveness Summary

Very Low Distinctiveness net change in units	0.16 ✓
Cumulative availability of units	2.74 ✓

Project Name: Land at Courthill Lane, Wick, Liffordwardon Map Reference:
A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary		
Total Net Unit Change	-15.78	
Total Net % Change	-41.41%	
Travelling Value Satisfied	No - Check travelling summaries A	

Existing area habitats					Disturbance	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecologist handling
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Disturbance	Condition	Strategic significance		Total habitat value
1	Grassland	Other neutral grassland	No	1.38	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher disturbance habitat required (2)	10.08
2	Heathland and scrub	Bramble scrub	No	0.55	Medium	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher disturbance habitat required (2)	2.20
3	Woodland and forest	Other woodland; broadleaved	No	0.12	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher disturbance habitat required (2)	0.96
4	Woodland and forest	Other woodland; broadleaved	No	0.54	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher disturbance habitat required (2)	4.32
5	Woodland and forest	Other woodland; broadleaved	No	0.64	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher disturbance habitat required (2)	2.56
6	Urban	Developed land; sealed surface	No	0.12	V/Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
7	Individual trees	Urban tree	No	0.0886	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher disturbance habitat required (2)	0.36
8	Individual trees	Urban tree	No	0.2443	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher disturbance habitat required (2)	1.95
9									
10									
11									
12									
13	Total habitat area				8.66				
14	Site Area (including area of individual trees, green walls, intertidal hard structures)				8.58				88.48

							Baseline compensation agreed for losses of VERN 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
0.04		0.32	0.00	1.22	9.76			Mean grassland passes 3/6 criteria, failing on cover of bramble, presence of coarse sp. (3/7) and number of shrubs (x 10).		
	0.06	0.00	0.24	0.49	1.96			SI-25 bramble scrub- no condition assessment		
0.12		0.96	0.00	0.00	0.00			Woodland W1- scores 27 out of possible 38. Scoring poorly on tree health, vegetation and ground flora, presence of veteran trees and woodland disturbance		
0.44		3.52	0.00	0.10	0.80			Woodland W2- scores 27 out of possible 38. Scoring poorly on vegetation and ground flora and amount of disturbance		
	0.29	0.00	1.16	0.35	1.40			Woodland W3- scores 23 out of possible 38. Scoring poorly on vegetation and ground flora, woodland vertical structure, presence of veteran trees and woodland disturbance		
		0.00	0.00	0.12	0.00			Enhance woodland by increasing vertical structure and reducing woodland disturbance		
								Harvesting within grassland- reduced with mow and flares		
0.018		0.08	0.00	0.07	0.29			Includes 1 medium, 18 small- only including stand alone trees, not those included in scrub or woodlands		
		0.00	0.00	0.24	1.95			Includes 10 small, 6 medium and 2 large- only including stand alone trees, not those included in scrub or woodlands		
								Includes 10 small, 6 medium and 2 large- only including stand alone trees, not those included in scrub or woodlands		
0.08	0.82	4.68	1.40	8.80	16.17					

Total area lost (including area of individual trees, green walls and intertidal hard structures)

8.89

MP to habitats conversion tool	Select a unit	Hectares	MP

Project Name: Land at Courtwick Lane, Wick, Littlehampton Map Reference:
A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

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Area habitat summary

Total Net Unit Change	-13.79
Total Net % Change	-81.47%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Area Acceptable ✓

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	Heathland and shrub	Mixed scrub	0.05	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.33	Enhanced buffer landscaping" along northern and western boundary- assumed to be mixed scrub						
2	Grassland	Modified grassland	0.14	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.27	Roadside grassland- assumed to be mown short, poor condition						
3	Urban	Developed land, sealed surface	0.89	V.Low	NA - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	Buildings						
4	Urban	Developed land, sealed surface	1.05	V.Low	NA - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	Road/carparks						
5	Urban	Artificial unvegetated, unsealed surface	0.01	V.Low	NA - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	Footpath- assumed not sealed						
6	Individual trees	Urban tree	0.0855	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	10	Low	0.24	Proposed tree planting- 24 street trees, assumed small and poor						
7	Grassland	Other neutral grassland	0.14	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	2	Low	0.52	Grass along periphery of Site, alongside mixed scrub buffer planting						
8																	
9																	
10																	
11																	
12																	
Total habitat area			2.37									1.37					

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)

2.38

M² to hectares conversion tool:

Select a unit

Hectares

M²

	Baseline habbitus

Area habitat summary	
Total Net Unit Change	-18.79
Total Net % Change	-81.47%
Trading Rules Satisfied	No - check trading summaries ▲

Baseline habitat		Post intervention habitat													Comments		
Proposed habitat (broad habitat pre-populated first row on overrides)		Change in disturbance and condition				Strategic significance		Temporal risk multiplier			Habitat risk multipliers		Comments				
Habitat ref	Habitat habitus	Proposed Broad Habitat	Proposed habitat	Disturbance change	Condition change	Area (hectares)	Disturbance	Condition	Strategic significance	Standard or adjusted time to target condition	First time to target condition (years)	Final difficulty of enhancement	Habitat units delivered	User comments	Planning authority comments	Habitat reference number	
2	Heathland and shrub - heathy scrub	Heathland and shrub	Mixed scrub	Medium - Medium	Catchment Assessment N/A - Medium	0.08	Medium	Medium	Restoration/preservation not in local strategy/ no local strategy applied.	Standard time to target condition applied.	5	Low	0.44	Enhance retained landscape around site through complementary planting as part of the buffer zone.			
6	Woodland and forest - Other woodland/broadleaved	Woodland and forest	Other woodlands, broadleaved	Medium - Medium	Poor - Moderate	0.29	Medium	Medium	Restoration/preservation not in local strategy/ no local strategy.	Standard time to target condition applied.	10	Low	1.95	Enhancement to Woodland W2; improved woodland structure and reduced woodland disturbance.			

Project Name: Land at Courtwick Lane, Wick, Littlehampton Map Reference:
B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

16 of 16 rows

Hedgerow summary

Total Net Unit Change	2.74
Total Net % Change	194.18%
Trading Rules Satisfied	Yes ✓

Existing hedgerow habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units
Ref	Hedge number	Habitat type	Length (m)	Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units
1	H1	Native hedgerow with trees	0.155	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	1.24
2								
3	H3	Line of trees - associated with bank or ditch	0.201	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.80
4								
5								
6								
7								
8								
			0.36					2.04

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0.145		1.17	0.00	0.01	0.07	Hedgerow H1- deduct hedgerow with trees. Passes 7/10 criteria, falling on canopy continuity, current damage and tree class variation. Some to be lost for vehicle access.		
0.201		0.80	0.00	0.00	0.00	Line of trees H3- fails on native species cover and canopy gaps.		
0.35	0.00	1.97	0.00	0.01	0.07			

Project Name: Land at Courtwick Lane, Wick, Littlehampton Map Reference:
B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

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Hedgerow summary	
Total Net Unit Change	2.74
Total Net % Change	134.12%
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 (m)	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		Species-rich native hedgerow	0.378	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	2.53	Sp. rich hedgerow (required for trading summary), along NW hedgerow, and in east (periphery hedgerows)		
2		Native hedgerow	0.065	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.13	Smaller edgerows within the development		
3		Non-native and ornamental hedgerow	0.163	V.Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.16	Linear shrub planting		
4													
5													
6													
7													
8													
			0.81							2.81			