

The Statutory Biodiversity Metric

Start page

Project details		
Planning authority:	Horsham	
Project name:	Land at Mercer Road	
Applicant:	Riverdale	
Application type:		
Planning application reference:		
Completed by:	Chris Jennings BSc (Hons) MSc MCIEEM	
Date of metric completion:	24/03/2025	
Reviewer:		
Calculation iteration:	2	
Planning authority reviewer:		
Date of planning authority review:		
Target % net gain:	10%	
Irreplaceable habitat present at baseline:	Yes <input checked="" type="checkbox"/>	
Total site area - including irreplaceable habitat area (hectares):	14.36	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 error/rules and principles not met		
	Use of this cell is not appropriate		
	Empty data		
	Automatic lookup		
	Result		

View all

Reset view

On-site baseline map Insert

On-site baseline map reference number Insert

On-site post intervention map Insert

On-site post-intervention map reference number Insert

Off-site baseline map reference number

Off-site baseline map Insert

Off-site post-intervention reference number

Off-site post intervention map Insert

Land at Mercer Road
Headline Results
Scroll down for final results ▾

Return to

On-site baseline (Including habitat retention, creation & enhancement)	<i>Habitat units</i>	56.47	
	<i>Hedgerow units</i>	11.62	
	<i>Watercourse units</i>	3.66	
On-site post-intervention (Including habitat retention, creation & enhancement)	<i>Habitat units</i>	55.75	
	<i>Hedgerow units</i>	13.07	
	<i>Watercourse units</i>	4.46	
On-site net change (units & percentage)	<i>Habitat units</i>	-0.73	-1.28%
	<i>Hedgerow units</i>	1.44	12.40%
	<i>Watercourse units</i>	0.79	21.62%

On-site net gain is less than target set ▾

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

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>	-0.73	
	<i>Hedgerow units</i>	1.44	
	<i>Watercourse units</i>	0.79	
Spatial risk multiplier (SRM) deductions	<i>Habitat units</i>	0.00	
	<i>Hedgerow units</i>	0.00	
	<i>Watercourse units</i>	0.00	

FINAL RESULTS

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>	-0.73	
	<i>Hedgerow units</i>	1.44	
	<i>Watercourse units</i>	0.79	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>	-1.28%	Total net gain achieved is less than target set ▲
	<i>Hedgerow units</i>	12.40%	
	<i>Watercourse units</i>	21.62%	
Trading rules satisfied?	No - Check Trading Summaries ▲		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	56.47	62.12	6.37
Hedgerow units	10.00%	11.62	12.79	0.00
Watercourse units	10.00%	3.66	4.03	0.00

No additional hedgerow units required to meet target ✓
No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

Return to results menu		Trading Summary				
Trading summary hedgerows		Distinctiveness Group	Trading Rule	Trading Satisfied?		
Very High		Same habitat required - hedge compensation option is			Yes ✓	
High		Same habitat required =			No ▲	
Medium		Some broad habitat or a higher level broad habitat required is			Yes ✓	
Low		Same distinctiveness or better habitat required =			No ▲	

Very High Distinctiveness						
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Unit losses	
Grassland - Lowland dry grassland	Grassland	0.00	0.00	0.00		
Ornament - Lowland meadows	Grassland	0.00	0.00	0.00		
Ornament - Upland hay meadows	Grassland	0.00	0.00	0.00		
Heathland and scrub - Mountain heath and yellow scrub	Heathland and shrub	0.00	0.00	0.00		
Lakes - Aquatic fed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00		
Sparingly vegetated land - Intertidal sand dunes	Sparingly vegetated land	0.00	0.00	0.00		
Sparingly vegetated land - Intertidal mudflats	Sparingly vegetated land	0.00	0.00	0.00		
Wetland - Blanket bog	Wetland	0.00	0.00	0.00		
Wetland - Depression on peat substrates (H1130)	Wetland	0.00	0.00	0.00		
Wetland - Freshwater fens (H1140)	Wetland	0.00	0.00	0.00		
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00		
Wetland - Purple moor grass and rush pastures	Wetland	0.00	0.00	0.00		
Wetland - Rivers and streams (H1150)	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 - Moderate 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

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 CPGM	Grassland	0.00	0.00	0.00		
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00		
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00		
Heathland and scrub - Lowland Heathland	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 - Freshwater lakes	Lakes	0.00	0.00	0.00		
Lakes - Fonds (prior to 1990)	Lakes	0.00	0.00	0.00		
Lakes - Tidal freshwater and pools (H3110)	Lakes	0.00	0.00	0.00		
Sparingly vegetated land - Coastal sand dunes	Sparingly vegetated land	0.00	0.00	0.00		
Sparingly vegetated land - Coastal vegetated dunes	Sparingly vegetated land	0.00	0.00	0.00		
Sparingly vegetated land - Coastal rock and scree habitats	Sparingly vegetated land	0.00	0.00	0.00		
Sparingly vegetated land - Maritime cliff and slopes	Sparingly vegetated land	0.00	0.00	0.00		
Urban - Open mosaic habitats on previously developed land	Urban	0.00	0.00	0.00		
Woodland - Reedbeds	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Felled woodland 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	-0.22	0.00	-0.52	-0.52	▲
Woodland and forest - Native pine woodlands	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Northern mixed woodlands	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Upland mixed woodlands	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 - Upland pine woodlands	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		
Intertidal sediment - Littoral rock and scree	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Littoral rock and scree - Redbeds	Intertidal sediment	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 - Littoral muddy sand	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Littoral sand	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Littoral seagrass	Intertidal sediment	0.00	0.00	0.00		
				-0.52	0.00	-0.52
				4.32		

Medium Distinctiveness						
Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change	Cumulative broad habitat change	
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00		
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	0.00	
Cropland - Arable field margins pollen 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		
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 - 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 - Yew scrub	Heathland and shrub	0.00	0.00	0.00		
Lakes - Ponds (non-primary habitat)	Lakes	0.38	0.00	0.38	0.38	✓
Lakes - Reservoirs	Lakes	0.00	0.00	0.00		
Sparingly vegetated land - Intertidal rock and scree	Sparingly 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 root	Urban	0.00	0.00	0.00		
Individual trees - Urban tree	Individual trees	0.00	0.00	0.00	4.36	✓
Woodland and forest - Other Scot's pine woodland	Woodland and forest	0.00	0.00	0.00		
Woodland and forest - Other woodland; broadleaved	Woodland and forest	0.00	0.00	0.00	0.00	
Woodland and forest - Other woodland; mixed	Woodland and forest	0.00	0.00	0.00		
Intertidal sediment - Intertidal coarse sediment	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Intertidal sand	Intertidal sediment	0.00	0.00	0.00	0.00	
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (OGI)	Intertidal hard structures	0.00	0.00	0.00		
				8.94	0.00	8.94

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 - Other	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	-13.48	0.00	-13.48		■
Heathland and shrub - Heathland	Heathland and shrub	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		
Sparingly vegetated land - Ruderaria/epiphytous	Sparingly vegetated land	0.00	0.00	0.00		
Sparingly vegetated land - Salicornia	Sparingly vegetated land	0.00	0.00	0.00		
Urban - Rosemary	Urban	0.00	0.00	0.00		
Urban - Base ground	Urban	0.00	0.00	0.00		
Urban - Allotments	Urban	0.00	0.00	0.00		
Urban - Garden walls	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 - Vertical green wall	Urban	0.00	0.00	0.00		
Urban - Urban green space	Urban	0.00	0.00	0.00		
Urban - Urban green space	Urban	0.00	0.00	0.00		
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00		
Urban - Sustainable drainage systems	Urban	0.00	0.00	0.00		
Woodland and forest - Coastal saltmarsh woodland	Woodland and forest	4.88	0.00	4.88		✓
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 mixed sediments	Intertidal sediment	0.00	0.00	0.00		
Intertidal sediment - Artificial littoral seagrass	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		
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		
				-3.79	0.00	-3.79

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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

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	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 losses to be offset by trading up	0.00
Higher Distinctiveness surplus (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	2.35	0.00	2.35 ✓
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	-0.06	0.00	-0.06 ✘
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00
	1.39	0.00	1.39

Medium Distinctiveness Summary

Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	1.39 ✓
Cumulative availability of units	1.39 ✓

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.00	0.00	0.00
Line of trees	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

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.00
Cumulative availability of units	1.39 ✓

Very Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	0.05	0.00	0.05 ✓
	0.05	0.00	0.05

Very Low Distinctiveness Summary

Very Low Distinctiveness Units available to offset lower distinctiveness deficit	0.05 ✓
Cumulative availability of units	1.44 ✓

Return to results menu	Trading Summary			
Distinctiveness Group	Trading Rule	Trading Satisfied?		
Very High	Same habitat required - bespoke compensation option	Yes ✓		
High	Same habitat required =	Yes ✓		
Medium	Same habitat required =	Yes ✓		
Low	Better distinctiveness habitat required	Yes ✓		
Very High Distinctiveness				
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change	
Priority habitat	0.00	0.00	0.00	
	0.00	0.00	0.00	
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	On-site unit change	Off-site unit change	Project-wide unit change	
Other rivers and streams	0.78	0.00	0.78 ✓	
	0.78	0.00	0.78	
High Distinctiveness Summary				
High Distinctiveness Units available to offset lower distinctiveness deficit	0.78 ✓			
Remaining losses; Like for like not satisfied	0.00			
Medium Distinctiveness				
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change	
Ditches	0.00	0.00	0.00	
Canals	0.00	0.00	0.00	
	0.00	0.00	0.00	
Medium Distinctiveness Summary				
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00			
Remaining losses; Like for like not satisfied	0.00			
Low Distinctiveness				
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change	
Gullvert	0.01	0.00	0.01 ✓	
	0.01	0.00	0.01	
Low Distinctiveness Summary				
Low Distinctiveness net change in units	0.01 ✓			
Cumulative availability of units	0.79 ✓			

Project Name: Land at Mercer Road Map Reference:

B-1 On-Site Hedge Baseline

Condense / Show Columns Condense / Show Rows

Main Menu

Hedgerow summary									
Total Net Unit Change	1.44								
Total Net Unit	1.44			100%					
Trading Rules Satisfied	Yes ✓								

Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance			Ecological baseline		
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Required Action to Meet Trading Rules	Units of hedgehog units
1	1	Native hedgerow	0.104	Low	2	Good	3	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	0.69
2	2	Native hedgerow with trees	0.13	Medium	4	Good	3	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	1.72
3	3	Native hedgerow with trees	0.107	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	0.94
4	4	Native hedgerow with trees - associated with bank or ditch	0.112	High	6	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Like for like or better	1.48
5	5	Native hedgerow with trees	0.058	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	0.51
6	6	Native hedgerow with trees	0.115	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	1.01
7	7	Native hedgerow with trees	0.318	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	2.77
8	8	Native hedgerow with trees	0.288	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	2.51
9												
10												
11												
12												
13												
			1.23									
			11.62									
			1.13	0.60	10.82	0.80	0.10	0.98				

Comments						
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	
						User comments
						Planning authority comments
						Habitat reference number

