

The Statutory Biodiversity Metric

Start page

Project details			
Planning authority:	Horsham District		
Project name:	Crosswinds		
Applicant:			
Application type:			
Planning application reference:			
Completed by:	Sam Hall		
Date of metric completion:	06 May 2025		
Reviewer:	Catherine O'Reilly		
Calculation iteration:	0		
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):	0.34	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

View all

Reset view

Cell style conventions

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

On-site baseline map

On-site post intervention map

Off-site baseline map

Off-site baseline map reference number

Off-site post intervention map

Off-site post-intervention reference number

Crosswinds
Headline Results
Scroll down for final results ▲

Return to
results menu

On-site baseline	Habitat units	4.13
	Hedgerow units	0.00
	Watercourse units	0.00

On-site post-intervention
(Including habitat retention, creation & enhancement)

On-site net change (units & percentage)	Habitat units	-1.39
	Hedgerow units	0.00
	Watercourse units	0.00

On-site net change
(units & percentage)

On-site net gain is less than target set ▲

Off-site baseline	Habitat units	0.00
	Hedgerow units	0.00
	Watercourse units	0.00

Off-site post-intervention
(Including habitat retention, creation & enhancement)

Off-site net change (units & percentage)	Habitat units	0.00
	Hedgerow units	0.00
	Watercourse units	0.00

Off-site net change
(units & percentage)

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-1.39
	Hedgerow units	0.00
	Watercourse units	0.00

Combined net unit change
(Including all on-site & off-site habitat retention, creation & enhancement)

Spatial risk multiplier (SRM) deductions	Habitat units	0.00
	Hedgerow units	0.00
	Watercourse units	0.00

Spatial risk multiplier (SRM) deductions

FINAL RESULTS

Total net unit change	Habitat units	-1.39
(Including all on-site & off-site habitat retention, creation & enhancement)	Hedgerow units	0.00
	Watercourse units	0.00

Total net unit change

(Including all on-site & off-site habitat retention, creation & enhancement)

Total net % change	Habitat units	-33.66%
(Including all on-site & off-site habitat retention, creation & enhancement)	Hedgerow units	0.00%
	Watercourse units	0.00%

Total net % change

(Including all on-site & off-site habitat retention, creation & enhancement)

Trading rules satisfied?	No - Check Trading Summaries ▲
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	4.13	4.54	1.80
Hedgerow units	10.00%	0.00	0.00	0.00
Watercourse units	10.00%	0.00	0.00	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				
Distinctiveness Group		Trading Rule		Trading Satisfied?		
Very High		Same habitat required = biotope compensation option			Yes ✓	
High		Same habitat required =			Yes ✓	
Medium		Same broad habitat or a higher distinctiveness habitat required			No ▲	
Low		Same distinctiveness or better habitat required			No ▲	
Trading summary watercourses		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 - Upland heath with willow scrub		Heathland and shrubs	0.00	0.00	0.00	
Lakes - Aquatic fed naturally fluctuating water bodies		Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Calcareous grasslands		Sparingly vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal sand dunes		Sparingly vegetated land	0.00	0.00	0.00	
Wetland - Blanket bog		Wetland	0.00	0.00	0.00	
Wetland - Depression on peat substrate (HT1180)		Wetland	0.00	0.00	0.00	
Wetland - Freshwater swamp (HT1185)		Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog		Wetland	0.00	0.00	0.00	
Wetland - Oceanic valley meadow (HT1201)		Wetland	0.00	0.00	0.00	
Wetland - Transition marsh and quaking bog (HT1405)		Wetland	0.00	0.00	0.00	
Woodland and forest - Wood pastures and parklands		Woodland and forest	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 mudflats and sandflats		Intertidal sediment	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00
High Distinctiveness		High Distinctiveness				
Habitat group		Group	On-site unit change	Off-site unit change	Project-wide unit change	Losses not yet accounted for
Coastland - Traditional orchards		Coastland	0.00	0.00	0.00	
Grassland - Fluvio-plain wetland mosaic and CFCM		Coastland	0.00	0.00	0.00	
Grassland - Freshwater swamp (HT1185)		Coastland	0.00	0.00	0.00	
Grassland - Upland heath communities (HT630)		Coastland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland		Coastland	0.00	0.00	0.00	
Grassland - Upland grassland		Heathland and shrubs	0.00	0.00	0.00	
Heathland and shrub - Dunes with sea buckthorn (HT160)		Heathland and shrubs	0.00	0.00	0.00	
Heathland and shrub - Upland heathland		Heathland and shrubs	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 - Moderate alkalinity lakes		Lakes	0.00	0.00	0.00	
Lakes - Peat lakes		Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and pools (HT170)		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 sand dunes		Sparingly vegetated land	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 sand dunes		Sparingly vegetated land	0.00	0.00	0.00	
Urban - Open mosaic of mainly developed land		Urban	0.00	0.00	0.00	
Woodland and forest - Felled/Replaced for felled woodland		Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland beech and new 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 - Native pine woodlands		Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland beech wood		Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland oak wood		Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet woodland		Woodland and forest	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 - Features of littoral rock		Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral mixed sand		Intertidal sediment	0.00	0.00	0.00	
Coastal saltmarsh - Intertidal saltmarsh rebeds		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 mudflats		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		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 margin grass bird mix		Cropland	0.00	0.00	0.00	
Cropland - Arable field margin poplars and nectar		Cropland	0.00	0.00	0.00	
Cropland - Office areas and grassland		Cropland	0.00	0.00	0.00	
Grassland - Acid grassland		Grassland	0.00	0.00	0.00	
Heathland and shrub - Upland heath		Heathland and shrubs	0.00	0.00	0.00	
Heathland and shrub - Upland scrub		Heathland and shrubs	0.00	0.00	0.00	
Heathland and shrub - Grass scrub		Heathland and shrubs	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub		Heathland and shrubs	0.00	0.00	0.00	
Heathland and shrub - Mixed scrub		Heathland and shrubs	0.00	0.00	0.00	
Heathland and shrub - Mixed scrub		Heathland and shrubs	0.00	0.00	0.00	
Lakes - Reservoirs		Lakes	0.00	0.00	0.00	
Sparingly vegetated land - Other arable root and cereal		Sparingly vegetated land	0.00	0.00	0.00	
Urban - Biodiverse green roof		Urban	0.00	0.00	0.00	
Individual trees - Urban tree		Individual trees	0.00	0.00	0.00	
Individual trees - Rural tree		Individual trees	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 organic sediment		Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral organic sediment		Intertidal sediment	0.00	0.00	0.00	
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (OGGI)		Intertidal hard structures	0.00	0.00	0.00	
			-1.39	0.00	-1.39	
Low Distinctiveness		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 - Horticultural		Cropland	0.00	0.00	0.00	
Cropland - Intensive orchards		Cropland	0.00	0.00	0.00	
Cropland - Intensive organic		Cropland	0.00	0.00	0.00	
Cropland - Intensive organic and clover leys		Cropland	0.00	0.00	0.00	
Cropland - Mixed arable		Cropland	0.00	0.00	0.00	
Cropland - Mixed arable		Cropland	0.00	0.00	0.00	
Cropland - Traditional orchards		Cropland	0.00	0.00	0.00	
Heathland and shrub - Rhododendron scrub		Heathland and shrubs	0.00	0.00	0.00	
Lakes - Ornamental lake or pond		Lakes	0.00	0.00	0.00	
Sparingly vegetated land - Coastal saltmarsh		Sparingly vegetated land	0.00	0.00	0.00	
Sparingly vegetated land - Tali forbs		Sparingly vegetated land	0.00	0.00	0.00	
Urban - Biowalls		Urban	0.00	0.00	0.00	
Urban - Biofacades		Urban	0.00	0.00	0.00	
Urban - Atticomes		Urban	0.00	0.00	0.00	
Urban - Facades-bound green wall		Urban	0.00	0.00	0.00	
Urban - 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	0.00	0.00	0.00	
Urban - Rain garden		Urban	0.00	0.00	0.00	
Urban - Active roofed surface or other green roof		Urban	0.00	0.00	0.00	
Urban - Green roofs or canopy system		Urban	0.00	0.00	0.00	
Urban - Vacant or derelict land		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 rebeds		Coastal saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Artificial linear coarse sediment		Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial linear fine sediment		Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial linear muddy sand		Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial linear organic sediment		Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial linear seagrass		Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial linear biogenic reefs		Intertidal sediment	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 bioturbation scrub		Heathland and shrubs	0.00	0.00	0.00	
			-0.10	0.00	-0.10	
Very High Distinctiveness Summary		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 Summary				
High Distinctiveness Units available to offset lower distinctiveness deficit						0.00
Remaining losses: Like for like not satisfied						0.00
Medium Distinctiveness Summary		Medium Distinctiveness Summary				
Medium Distinctiveness Units available to offset lower Distinctiveness Deficit						0.42
Medium Distinctiveness Broad Habitat Deficit						-1.70
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit						-1.70
Cumulative surplus of units						-1.28
Low Distinctiveness Summary		Low Distinctiveness Summary				
Low Distinctiveness net change in units						-0.10
Cumulative surplus of units						-0.10

Project Name: Crosswinds	Map Reference:
A-1 On-Site Habitat Baseline	
Condense / Show Columns	Condense / Show Rows
Main Menu	

Area habitat summary				
Total Net Area Change	-1.49			
Total Net % Change	+3.6%			
Trading Rules Satisfied				

Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline	
					Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier			
1	Urban	Developed land, assed surface	No	0.022	VL	0	NUA - Other	0	Area/compensation not in local strategy no local strategy	Low Strategic Significance	1	Compensation Not Required	0.00	
2	Urban	Raw ground	No	0.021	L	2	Poor	1	Area/compensation not in local strategy no local strategy	Low Strategic Significance	1	Same distinctiveness or better	0.04	
3	Urban	Introduced shrubs	No	0.017	L	2	Condition Assessment N/A	1	Area/compensation not in local strategy no local strategy	Low Strategic Significance	1	Same distinctiveness or better	0.03	
4	Coastal	Brackish	No	0.197	L	2	Condition Assessment N/A	1	Area/compensation not in local strategy no local strategy	Same distinctiveness or better	2	Same distinctiveness or better	0.39	
5	Individual trees	Urban tree	No	0.0489	Medium	4	Moderate	2	Area/compensation not in local strategy no local strategy	Low Strategic Significance	1	Same local habitat or a higher distinctiveness habitat required (2)	0.39	
6	Individual trees	Urban tree	No	0.2443	Medium	4	Good	3	Area/compensation not in local strategy no local strategy	Low Strategic Significance	1	Same local habitat or a higher distinctiveness habitat required (2)	2.93	
7	Heathland and shrubs	Bramble scrub	No	0.084	Medium	4	Condition Assessment N/A	1	Area/compensation not in local strategy no local strategy	Low Strategic Significance	1	Same local habitat or a higher distinctiveness habitat required (2)	0.34	
8														
9														
10														
11														
Total habitat area				0.83										
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)				0.84										

Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Ecological compensation agreed for losses of VIECH or irreplaceable habitat	Comments		
							User comments	Planning authority comments	Habitat reference number
0	0.00	0.00	0.00	0.02	0.00		Existing buildings		
0	0.00	0.00	0.02	0.02	0.04		Existing bare ground at site across		
0	0.00	0.00	0.03	0.03	0.06		Existing areas of bare soil and check/dendron		
0	0.00	0.13	0.13	0.26			Existing brackish hard structures the site		
0	0.00	0.00	0.05	0.39			3 scrubland trees in site in poor condition at lot and cross 30+ years in all in poor condition 2a (T21) and 1a (T20)		
0.1029	1.27	0.00	0.14	1.68			6 mounds, 4 large (T21) 2 medium (T20) and 2 large retained in their baseline condition (T20/21/21.5 a), outside of residential curtilage. 3 scrubland trees in site in poor condition as above (T10/11/18/20/20a/20b)		
0	0.00	0.00	0.08	0.34			Estimated existing bramble coverage		
							Strategic significance - no LABC. No specific mention to habitat require on site in local plan.		
0.11	0.07	1.27	0.13	0.40	0.78				

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	0.27
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MP to hectares conversion tool:	Select a unit	Hectares	MP
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Project Name: Crosswinds Map Reference: A-2 On-Site Habitat Creation

Condense / Show Columns Condense / Show Rows

Main Menu

Area habitat summary

Total Int'l Hr Change	-1.00
Total Int'l Hr Change	-0.00
Trading Rules Activated	10 - Object to habitat creation
Area Check	Area Assessed ✓

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Post Intervention habitats												Comments		
				Distinctiveness		Condition		Strategic significance		Temporal multiplier		Difficulty multipliers		Habitat units delivered				
Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Habitat time to target condition (years)	Habitat created to advance target condition (years)	Delay to starting habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Standard or difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied			
1	Urban	Developed land, mixed scrub	0.003	✓ Low	0	✓ N/A - Other	0	Area/compensation not on local site except no local priority	Low	0	0	Low	Standard difficulty applied	Low	1	0.00	Proposed building and access	
2	Urban	Vegetated garden	0.011	Low	2	✓ Condition Assessment	1	Area/compensation not on local site except no local priority	Low	0	0	Low	Standard difficulty applied	Low	1	0.02	Proposed garden area	
3	Individual tree	Urban tree	0.011	Medium	4	Poor	1	Area/compensation not on local site except no local priority	Low	10	30+	0	Object details - to three or more than published Low	0	1.000	Low	Low	Medium 3 large trees retained in proposed outcome no tree areas
4																		
5																		
6																		
7																		
Total habitat area				Total Time												1.00		
Site Area (Excluding area of individual trees, green walls, individual land structures)																		
10' to 100' conversion tool																		

