

The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:	Wokingham Borough Council		
Project name:	Duck's Nest Residential		
Applicant:	David Wilson Homes (Southern)		
Application type:	Outline		
Planning application reference:			
Completed by:	Alice Samuel		
Date of metric completion:	27 September 2024		
Reviewer:	Anna Clark		
Calculation iteration:			
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):	6.95	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

On-site baseline map

Insert

On-site baseline map reference number

Off-site baseline map

Insert

Off-site baseline map reference number

On-site post intervention map

Insert

On-site post-intervention map reference number

Off-site post intervention map

Insert

Off-site post-intervention reference number

Main menu

Results

View all

Reset view

Duck's Nest Residential
Headline Results
Scroll down for final results ⚠

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On-site baseline	Habitat units	15.33	
	Hedgerow units	5.29	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	17.19	
	Hedgerow units	6.78	
	Watercourse units	0.00	
On-site net change (units & percentage)	Habitat units	1.86	12.11%
	Hedgerow units	1.49	28.12%
	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	1.86	
	Hedgerow units	1.49	
	Watercourse units	0.00	
Spatial risk multiplier (SRM) deductions	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	

FINAL RESULTS			
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	1.86	
	Hedgerow units	1.49	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	12.11%	
	Hedgerow units	28.12%	
	Watercourse units	0.00%	
Trading rules satisfied?	Yes ✓		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	15.33	16.86	0.00
Hedgerow units	10.00%	5.29	5.82	0.00
Watercourse units	10.00%	0.00	0.00	0.00

No additional area habitat units required to meet target ✓

No additional hedgerow units required to meet target ✓

No additional watercourse units required to meet target ✓

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	0.45 ✓
Remaining losses; Like for like not satisfied	0.00

Medium Distinctiveness Summary		
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	9.91	✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	0.00	
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.45	✓
Cumulative surplus of units	10.36	✓

Low Distinctiveness Summary		
Low Distinctiveness net change in units	-8.50	⚠️
Cumulative surplus of units	1.86	✅

Low Distinctiveness Summary		
Low Distinctiveness net change in units	-8.50	⚠️
Cumulative surplus of units	1.86	✅

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	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

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

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 High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses. Take 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	0.00 ✓
Cumulative availability of units	0.00 ✓

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00 ✓
Cumulative availability of units	1.00 ✓

Very Low Distinctiveness Summary	
Very Low Distinctiveness net change in units	0.00
Cumulative availability of units	1.00 ✓

Project Name: Duck's Nest Residential - Map Reference:					Area habitat summary																	
A-1 On-Site Habitat Baseline					Total Net Unit Change		1.66															
					Total Net % Change		19.11%															
					Trading Rules Satisfied		Yes /															
Condense / Show Columns					Condense / Show Rows																	
Main Menu																						
Existing area habitats					Disturbances		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline									
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Disturbances	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Baseline compensation agreed for losses of VNEH or Irreplaceable habitat	Comments	
1	Grassland	Other neutral grassland	No	0.053	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.21	0.00	0.00	0.00	0.00	0.00	0.21		g3b-2		
2	Grassland	Modified grassland	No	0.519	Low	3	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1.04	0.00	0.00	0.00	0.00	0.00	1.04		g4-2		
3	Grassland	Modified grassland	No	2.135	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	2.44	0.00	0.00	0.00	0.00	0.00	2.44		g5-2		
4	Grassland	Modified grassland	No	2.336	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	4.97	0.00	0.00	0.00	0.00	0.00	4.97		g6-4		
5	Grassland	Modified grassland	No	0.141	Low	3	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.28	0.00	0.00	0.00	0.00	0.00	0.28		g4-5		
6	Woodland and forest	Other woodland/ broadleaved	No	0.187	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1.50	0.187	1.50	0.00	0.00	0.00	0.00		w17-2		
7	Individual trees	Rural tree	No	0.0163	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.20	0.0163	0.00	0.00	0.00	0.00	0.00		T7 - medium tree in good condition		

[illegible]

Project Name: Duck's Nest Residential

Map Reference:

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

Map Key

Hedgerow summary	
Total Net Unit Change	1.48
Total Net % Change	26.12%
Trading Rules Satisfied	Yes ✓

Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance				Required Action to Meet Trading Rule	Ecological baseline Total hedgerow value	Comments								
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance		Strategic significance			Strategic significance multiplier	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments
1	h2a-2	Native hedgerow	0.111	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy		Low Strategic Significance	1	Same distinctiveness Improved or better	0.22		0.00	0.00	0.11	0.22			
2	h2a-3	Native hedgerow	0.05	Low	2	Good	3	Area/compensation not in local strategy/ no local strategy		Low Strategic Significance	1	Same distinctiveness Improved or better	0.30		0.00	0.00	0.05	0.30			
3	h2a6-3	Native hedgerow with trees	0.305	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy		Low Strategic Significance	1	Same distinctiveness Improved or better	3.66	0.244	2.93	0.00	0.05	0.73			
4	h2a6-4	Native hedgerow	0.278	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy		Low Strategic Significance	1	Same distinctiveness Improved or better	1.11	0.278	1.11	0.00	0.00	0.00			

Project Name: Duck's Nest Residential

Map Reference:

B-2 On-Site Hedge Creation

Condense / Show Columns

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Hedgegrow summary	
Total Net Unit Change	1.40
Total Net % Change	88.18%
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 (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat created to advance (years)	Delay to starting habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied			User comments	Planning authority comments	Habitat reference number		
1		Native hedgegrow	0.421	Low	2	Moderate	2	Recompensation not in local strategy to local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition adjusted	5	0.027	Low	Standard difficulty applied	Low	1	1.41						
2		Native hedgegrow with trees	0.235	Medium	4	Moderate	2	Recompensation not in local strategy to local strategy	Low Strategic Significance	1	10	0	0	Standard time to target condition adjusted	10	0.700	Low	Standard difficulty applied	Low	1	1.55						