

The Statutory Biodiversity Metric
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Project details			
Planning authority:	North Hertfordshire District Council		
Project name:	Land Adjacent to 21 Danesbury Park Road, Welwyn AL6 9SH		
Applicant:	Steven Cox		
Application type:	Planning Application		
Planning application reference:			
Completed by:	Tabitha Beesley		
Date of metric completion:	20th February 2026		
Reviewer:	Brydie Stacey		
Calculation iteration:	B		
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):	0.39	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

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Results

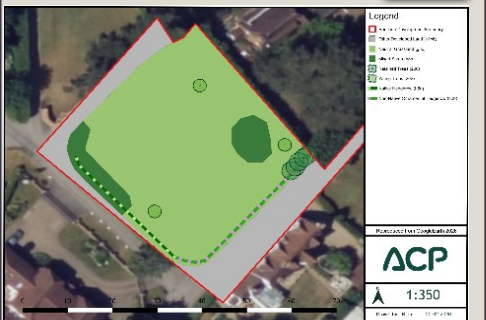
Cell style conventions	
	Attention required
	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

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Reset view

On-site baseline map Insert

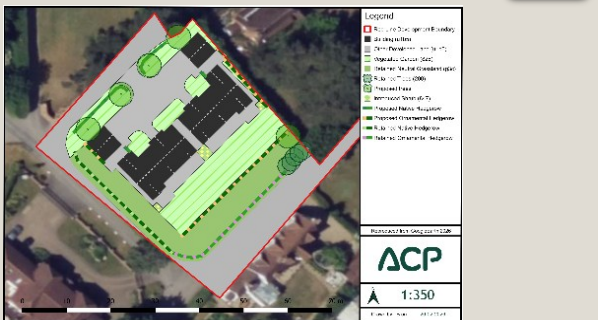
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On-site baseline map reference number	
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On-site post intervention map Insert

Insert



On-site post-intervention map reference number	
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Unit Shortfall by Tier/Module

Tier	Unit Shortfall
A1	2.36 ▲
A2	0.00
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 Adjacent to 21 Danesbury Park Road, Welwyn

Headline Results

Scroll down for final results ▲

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On-site baseline	Habitat units	2.35	
	Hedgerow units	0.23	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	1.40	
	Hedgerow units	0.34	
	Watercourse units	0.00	
On-site net change (units & percentage)	Habitat units	-0.94	-40.22%
	Hedgerow units	0.11	45.97%
	Watercourse units	0.00	0.00%

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)	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	-0.94	
	Hedgerow units	0.11	
	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	-0.94	
	Hedgerow units	0.11	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-40.22%	
	Hedgerow units	45.97%	
	Watercourse units	0.00%	

Total net gain achieved is less than target set ▲

Trading rules satisfied?	No - Check Trading Summaries ▲
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	2.35	2.58	1.18
Hedgerow units	10.00%	0.23	0.26	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 ▲

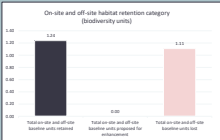
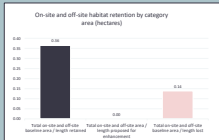
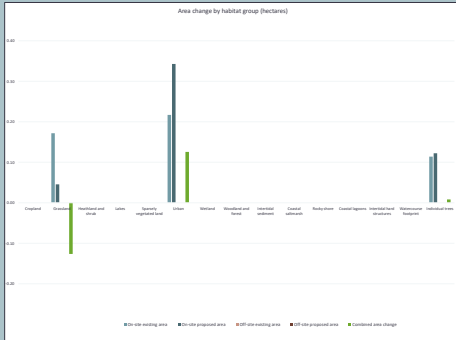
[Return to restaurant menu](#)

<i>Habitus unio</i>	-0.84
<i>Hochgrosen unio</i>	0.11
<i>Wahrscheinlich unio</i>	0.00
<i>Habitus unio</i>	-40.82%
<i>Hochgrosen unio</i>	48.87%
<i>Wahrscheinlich unio</i>	0.00%

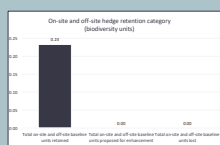
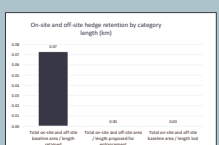
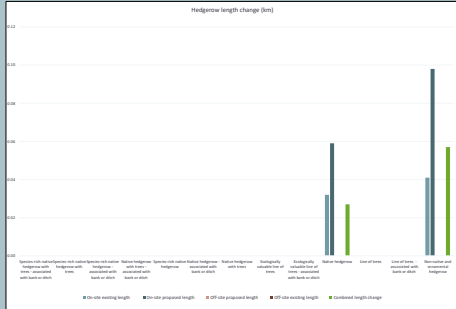
ment

Hedgefence		Watercourse
	0.07	0.00
	0.23	0.00
	0.07	0.00
	0.23	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00

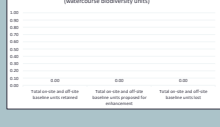
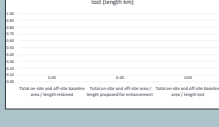
Category	Area lost (hectares)	Area lost (%)
Very high	0	
High	0	
Medium	6,188	100
Low	0	
Very low	0	

[illegible]

Combined length lost from baseline(s) by distinctiveness band		
Category	Length lost (mm)	Length lost (%)
Very High	0	
High	0	
Medium	0	
Low	0	
Very Low	0	

[illegible]

Combined length lost from baseline(s) by distinctiveness band		
Category	Length lost (mm)	Length lost (%)
Very High	0	
High	0	
Medium	0	
Low	0	



Category	Pre-site existing value	Pre-site proposed value	Post-site existing value	Post-site proposed value	Combined unit change
Priority habitat	0.00	0.00	0.00	0.00	0.85
Other rivers and streams	0.00	0.00	0.00	0.00	0.05
Slacks	0.00	0.00	0.00	0.00	0.05
Canals	0.00	0.00	0.00	0.00	0.05
Culverts	0.00	0.00	0.00	0.00	0.05



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

offset lower distinctiveness deficit	0.00
total	0.00

Medium Distinctiveness Summary	
Category	Score
1. Overall Distinctiveness	4.5
2. Brand Name	4.5
3. Logo	4.5
4. Color Scheme	4.5
5. Typography	4.5
6. Imagery	4.5
7. Layout	4.5
8. Navigation	4.5
9. Content	4.5
10. User Experience	4.5
11. Accessibility	4.5
12. Performance	4.5
13. Security	4.5
14. Privacy	4.5
15. Compliance	4.5
16. Scalability	4.5
17. Flexibility	4.5
18. Reliability	4.5
19. Availability	4.5
20. Support	4.5
21. Documentation	4.5
22. Training	4.5
23. Feedback	4.5
24. Analytics	4.5
25. Reporting	4.5
26. Integration	4.5
27. Interoperability	4.5
28. Compatibility	4.5
29. Portability	4.5
30. Transferability	4.5
31. Reusability	4.5
32. Scalability	4.5
33. Flexibility	4.5
34. Reliability	4.5
35. Availability	4.5
36. Support	4.5
37. Documentation	4.5
38. Training	4.5
39. Feedback	4.5
40. Analytics	4.5
41. Reporting	4.5
42. Integration	4.5
43. Interoperability	4.5
44. Compatibility	4.5
45. Portability	4.5
46. Transferability	4.5
47. Reusability	4.5
48. Scalability	4.5
49. Flexibility	4.5
50. Reliability	4.5
51. Availability	4.5
52. Support	4.5
53. Documentation	4.5
54. Training	4.5
55. Feedback	4.5
56. Analytics	4.5
57. Reporting	4.5
58. Integration	4.5
59. Interoperability	4.5
60. Compatibility	4.5
61. Portability	4.5
62. Transferability	4.5
63. Reusability	4.5
64. Scalability	4.5
65. Flexibility	4.5
66. Reliability	4.5
67. Availability	4.5
68. Support	4.5
69. Documentation	4.5
70. Training	4.5
71. Feedback	4.5
72. Analytics	4.5
73. Reporting	4.5
74. Integration	4.5
75. Interoperability	4.5
76. Compatibility	4.5
77. Portability	4.5
78. Transferability	4.5
79. Reusability	4.5
80. Scalability	4.5
81. Flexibility	4.5
82. Reliability	4.5
83. Availability	4.5
84. Support	4.5
85. Documentation	4.5
86. Training	4.5
87. Feedback	4.5
88. Analytics	4.5
89. Reporting	4.5
90. Integration	4.5
91. Interoperability	4.5
92. Compatibility	4.5
93. Portability	4.5
94. Transferability	4.5
95. Reusability	4.5
96. Scalability	4.5
97. Flexibility	4.5
98. Reliability	4.5
99. Availability	4.5
100. Support	4.5

Medium Distinctiveness Broad Habitat losses to be offset by trading up	-1.06	▲
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Deficit		
Cumulative surplus of units	-1.05	A

Low Distinctiveness Summary

Q/W Distinctiveness Net Change in units	0.10	✓
Cumulative surplus of units	0.10	✓

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 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	0.05	0.00	0.05 ✓
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.05	0.00	0.05

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.05 ✓
Cumulative availability of units	0.05 ✓

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 net change in units	0.05 ✓
Cumulative availability of units	0.11 ✓

Project Name: Land Adjacent to 31 Domesbury Park Road, Walsvern A14 8SH Map
A-1 On-Site Habitat Baseline

Condense / Show Columns
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Condense / Show Rows

Area habitat summary	
Total Net Unit Change	-0.84
Total Net % Change	-60.89%
Trophic Value Indicator	No - check trophic summary A

Existing area habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Scores	Condition	Scores	Strategic significance	Strategic significance	Strategic significance multiplier	Total habitat units
1	Grassland	Other neutral grassland	No	0.1602	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.1602
2	Urban	Developed land sealed surface	No	0.2117	V Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.00
3	Individual trees	Urban tree	No	0.0174	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.62
4	Individual trees	Urban tree	No	0.0385	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.44
5	Grassland	Other neutral grassland	No	0.0216	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0.09
6												
7												
8												
9												
10												
Total habitat area				0.80								0.38
Site Area (including area of individual trees, green walls, intertidal hard structures)				0.38								

						Require compensation agreed for losses of VED3 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
0.0239		0.19	0.00	0.13	1.01				
0.2117		0.00	0.00	0.00	0.00				
0.0652		0.52	0.00	0.01	0.10				
0.0385		0.44	0.00	0.00	0.00				
0.0216		0.09	0.00	0.00	0.00				
0.38	0.00	1.24	0.00	0.14	1.11				
Total area lost (including area of individual trees, green walls and intertidal hard structures)					0.13				

MP to baseline conversion tool:	Input a unit	Score/area	MP
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Plot Name: Land Adjacent to 21 Dunsbury Park Road, Walswyn AL6 9BH Map Reference: A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary

Total Net Unit Change

-0.04

Total Net % Change

-40.89%

Treading Risk Rated

No - check treading parameters ▲

Area Check

Area Acceptable ✓

Ref	Broad Habitat	Proposed habitat	Area (ha/m²)	Disturbance		Condition		Strategic significance			Post Intervention Habitat		Temporal multiplier		Difficulty multipliers				Habitat units delivered	Comments				
				Disturbance	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard time to target condition (years)	Habitat created in advance (years)	Delay in 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	Urban	Introduced shrubs	0.0015	Low	2	Condition Assessment N/A	1	Area compensation not in local strategy no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.001	Low	Standard difficulty applied	Low	1	0.00			
2	Urban	Vegetated garden	0.0012	Low	2	Condition Assessment N/A	1	Area compensation not in local strategy no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.001	Low	Standard difficulty applied	Low	1	0.00			
3	Urban	Developed land, sealed surface	0.0731	Very Low	0	OK - Chert	0	Area compensation not in local strategy no local strategy	Low Strategic Significance	1	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00			
4	Individual trees	Urban tree	0.0005	Medium	4	Medium case	2	Area compensation not in local strategy no local strategy	Low Strategic Significance	1	27	0	0	Standard time to target condition applied	27	0.002	Low	Standard difficulty applied	Low	1	0.06			
5																								
6																								
7																								
8																								
9																								
Total habitat area			0.18																					
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)			0.18																					
M² to landscape conversion tool				Initial x unit	Sections		M²																	

Total Units: 0.18

hme: Land Adjacent to 21 Danesbury Park Road, Welwyn AL8 9SH

Map B

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

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Hedgerow summary

Total Net Unit Change

0.11

Total Net % Change

48.97%

Trading Rules Satisfied

Yes ✓

Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline	Comments									
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number	
1	1	Native hedgerow	0.032	Low	2	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness – hard or better	0.19	0.032	0.19	0.00	0.00	0.00				
2	2	Non-native and ornamental hedgerow	0.041	V.Low	1	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness – hard or better	0.04	0.041	0.04	0.00	0.00	0.00				
3																					
4																					
5																					
6																					
7																					
			0.07									0.23	0.07	0.00	0.23	0.00	0.00	0.00			

Site: Land Adjacent to 21 Danesbury Park Road, Welwyn AL6 8SH Map R

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

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Hedge row summary	
Total Net Unit Change	0.11
Total Net % Change	48.97%
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 in advance (years)	Delay in 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	1	Native hedge row	0.027	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.969	Low	Standard difficulty applied	Low	1	0.08			
2	2	Non-native and ornamental hedge row	0.057	V.Low	1	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.969	Low	Standard difficulty applied	Low	1	0.08			
3																								
4																								
5																								
6																								
7																								
			0.08																	0.11				