

The Statutory Biodiversity Metric
Start page

Project details

Project details			
Planning authority:	Hertfordshire County Council		
Project name:	existing garage, extension and shed and construction of three new dwellings at The White House, Valley Rise		
Applicant:	David White		
Application type:	Full		
Planning application reference:			
Completed by:	Julian Newnman		
Date of metric completion:	28 November 2024		
Reviewer:	Heather Stuckey		
Calculation iteration:	1		
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):	0.23	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

Main menu

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

View all

Reset view

On-site baseline map

Insert

On-site post intervention map

Insert

On-site baseline map reference number

Off-site baseline map

Insert

Off-site post intervention map

Insert

Off-site baseline map reference number

Off-site post-intervention reference number

Key

-  Area habitats
-  Hedgerows and lines of trees
-  Watercourses

The Statutory Biodiversity Metric Main menu

Start page

Technical data

Results

Start here

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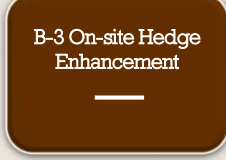
3

4

On-site baseline

- A-1 On-site Area Habitat Baseline 
- B-1 On-site Hedge Baseline 
- C-1 On-site Watercourse Baseline 

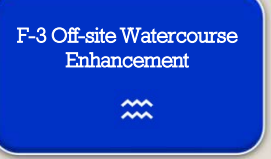
On-site post development

- A-2 On-site Area Habitat Creation 
- A-3 On-site Area Habitat Enhancement 
- B-2 On-site Hedge Creation 
- B-3 On-site Hedge Enhancement 
- C-2 On-site Watercourse Creation 
- C-3 On-site Watercourse Enhancement 

Off-site baseline

- D-1 Off-site Area Habitat Baseline 
- E-1 Off-site Hedge Baseline 
- F-1 Off-site Watercourse Baseline 

Off-site post development

- D-2 Off-site Area Habitat Creation 
- D-3 Off-site Area Habitat Enhancement 
- E-2 Off-site Hedge Creation 
- E-3 Off-site Hedge Enhancement 
- F-2 Off-site Watercourse Creation 
- F-3 Off-site Watercourse Enhancement 

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000		0.0000		0.0000
Medium		0.0000		0.0000	11	0.1791
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	0	0.0000	11	0.1791

The Statutory Biodiversity Metric Results

Return to start
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Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Irreplaceable
habitats summary

Unit shortfall
summary

Demolition of the existing garage, extension and shed

Headline Results

Scroll down for final results ▲

Return to
results menu

On-site baseline

Habitat units	2.63
Hedgerow units	0.00
Watercourse units	0.00

On-site post-intervention

(Including habitat retention, creation & enhancement)

Habitat units	2.36
Hedgerow units	0.00
Watercourse units	0.00

On-site net change

(units & percentage)

Habitat units	-0.28
Hedgerow units	0.00
Watercourse units	0.00

-10.56%

On-site net gain is less than target set ▲

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
Hedgerow units	0.00
Watercourse units	0.00

0.00%

0.00%

0.00%

Combined net unit change

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

Habitat units	-0.28
Hedgerow units	0.00
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	-0.28
Hedgerow units	0.00
Watercourse units	0.00

Total net % change

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

Habitat units	-10.56%
Hedgerow units	0.00%
Watercourse units	0.00%

Total net gain achieved is less than target set ▲

Trading rules satisfied?

No - Check Trading Summaries ▲

Unit Type

Target

Baseline Units

Units Required

Unit Deficit

Habitat units

10.00%

2.63

2.90

0.64

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 ▲

Trading
community
watercourses

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0:00
Remaining income: Like for like not satisfied	0:00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0:00
Remaining losses, like for like not offset	0:00

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to other Lower Distinctiveness Deficit	0.00
Medium Distinctiveness Broad Habitat Issues to be offset by Reductions in	-0.00 ▲
Higher Distinctiveness Single Unit miss Medium Distinctiveness Broad Habitat Deficit	-0.00 ▲
Population growth offset	-0.00 ▲

Low Distinctiveness Summary	
Low Distinctiveness net change in units	-4.08 ▲
Cumulative margin of units	-4.08 ●

Return to results menu

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	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; 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	0.00
Cumulative availability of units	0.00

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

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

Return to results menu

Trading summary area habitats

Trading summary hedgerows

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 habitat required =	Yes $\checkmark$
Low	Better distinctiveness habitat required	Yes $\checkmark$

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	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
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
Culvert	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	0.00

Project Name: Demolition of the existing entrance, extension and shed and
A-1 On-Site Habitat Baseline

Condense / Show Columns
Main Menu

Condense / Show Rows

Area habitat summary		
Total Net Unit Change		-0.88
Total Net % Change		-10.00%
Total Net Units Affected	No - Check to add comments A	

Existing estate habitats				Disturbance		Condition		Strategic significance				Required Action to Meet Yielding Rules	Ecological baseline
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Disturbance	Score	Condition	Score	Strategic significance	Strategic significance mitigator	Strategic significance mitigator		
1	Urban	Vegetated garden	No	0.148	Low	2	Good	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some disturbance of habitat habitat retained	0.29
2	Urban	Developed land, sealed surface	No	0.082	Very Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Compensation Not Required	0.00
3	Individual trees	Urban trees	No	0.1954	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some broad habitat of a high importance habitat retained	2.34
4													
5													
6													
				Total habitat area								2.63	
				Site Area (including area of individual trees, green walls, structural land structures)								0.83	

M2 to landscape compensation tool	Select a unit	Restoration	M2
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						Required compensation agreed for losses of VEDH 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
0.096		0.19	0.00	0.05	0.10				
0.017		0.00	0.00	0.07	0.00				
0.1791		2.15	0.00	0.02	0.20				
0.88	0.00	2.54	0.00	0.18	0.80				
Total area lost (including area of individual trees, green walls and lateral/land structures)				0.18					

extension and shed and construction of three new dwellings at The White House, 7
A-2 On-Site Habitat Creation

Calculate / Show Columns

Calculate / Show Rows

Main Menu

Area habitat summary

Total Net Hect Change

-0.00

Total Net Hect Change

-10.000%

Trading Scheme Installed

10 - 100% Trading performance ▲

Area Credit

Area Amenity of

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness		Condition		Strategic significance				Post intervention habitat				Temporal multiplier		Difficulty multipliers				Comments		
				Distinctiveness	Score	Condition	Score	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	Habitat value delivered	Other comments	Planning authority comments	Habitat reference number	
1	Urban	Vegetated garden	0.009	Low	2	Condition: Amenity (SIL)	1	Area/compensation not in final strategy no broad amenity	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.005	Low	Standard difficulty applied	Low	1	0.00			
2	Urban	Developed land, sealed surface	0.105	Very Low	0	Soil - Other	0	Area/compensation not in final strategy no broad amenity	Low Strategic Significance	1	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00			
3																								
4																								
5																								
6																								
7																								
Total habitat area			0.11																					
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)			0.11																					
MP to bioactive conversion tool:			Submit a test	Reference		MP																		

Total Value

0.00