

BREEAM, CEEQUAL & HQM Change in Ecological Value Calculator

Applicability of this calculator tool to the BREEAM Family of Schemes (BREEAM, CEEQUAL, HQM)

This calculator tool is applicable for BREEAM, CEEQUAL and HQM schemes used in the UK which opened for registrations from 2018 onwards.

The relevance of this tool to a project being assessed with any of these schemes is dependent on the scheme's version being used. Reference should be made to the scheme Technical Manual and specifically the assessment issue content to determine this. If the assessment criteria do not require completion of this tool, the information set out here is not relevant and it cannot be used for demonstrating compliance with the assessment criteria in those scheme versions.

Instructions for Use:

To obtain habitat type references and associated input values, please refer to GN36 Appendix C, which is available from the Resources section of the BREEAM website, the Assessor Extranet or BREEAM Projects website. Habitat types entered into the tool should reflect either the Phase 1 types or Defra 2012b types provided in the appendix.

All details need to be completed before a score is given. If any information is entered into any line of the tool, all fields should be completed; if a particular habitat type is not applicable, it should be left entirely blank.

When entering area-based information, either Hectares or Square Metres can be used. This must be kept consistent throughout the assessment.

All length-based measurements should be given in Metres.

If the project meets the necessary requirements to undergo a simplified calculation method (See GN36 BREEAM, CEEQUAL and HQM Ecology Calculation Methodology - Route 2 Section 4 for further information), all condition scores should be marked as "Moderate", unless evidence can be provided that the habitat is in "Good" condition.

On the "Summary" tab, only cells highlighted need to be completed by the Ecologist, the remaining cells will update, based on the information provided in the tool.

To aid navigation, the tool currently provides 25 habitat parcels for each habitat type and due to cell protection, it is not possible to add new rows. If this number is insufficient for the project being assessed, please contact BREEAM@bre.co.uk and request additional rows. Please specify an estimate of the number of rows required to complete the assessment when contacting BREEAM.

To understand further about how the final score is determined, please refer to GN36 BREEAM, CEEQUAL and HQM Ecology Calculation Methodology - Route 2 for full details on the calculation methodology.

To determine the number of credits or points that could be awarded based on the result obtained, please refer to the 'Credit Award

Version

3.3

NB: All assessment details below must be completed before result will be given		
1 Site Name	Royal Berks NHS Foundation Trust	
2 Development Footprint Area	0.24	
3 Unit of Area	Hectares	Note: Must be applied consistently throughout the assessment
4 Have statutory obligations been met?	Yes	
5 Is Area Based Habitat Pre Development Biodiversity Unit score 0?	No	
6 If 5 is "Yes", what percentage of Development Footprint does habitat created, that's distinctiveness is not 0, cover?	Not Applicable	
7 Are any Linear (Watercourse) Habitats present Pre Development?	No	
8 If yes, are all habitats present in "Good" condition Pre Development and remain untouched throughout development?	N/A	Note: If 7 and 8 are both "Yes", or 7 is "No" then Linear (Watercourse) habitats can be filtered out for the purpose of credit award
9 Can Linear (Watercourse) Habitats be filtered out?	Yes	Check this cell before selecting from the drop down menu, 10, below.
10 If applicable, should Linear (Watercourse) Habitats be filtered out?	Yes	Note: No should only be selected where new habitat is created and reward is sought for this creation. It is automatically filtered if none of the specified habitat is present Pre or Post Development.
11 Are any Linear (Foliage) Habitats present Pre Development?	No	
12 If yes, are all habitats present in "Good" condition Pre Development and remain untouched throught development?	N/A	Note: If 11 and 12 are both "Yes", or 11 is "No" then Linear (Watercourse) habitats can be filtered out for the purpose of credit award
13 Can Linear (Foliage) Habitats be filtered out?	Yes	Check this cell before selecting from the drop down menu, 14, below.
14 If applicable, should Linear (Foliage) Habitats be filtered out?	Yes	Note: No should only be selected where new habitat is created and reward is sought for this creation. It is automatically filtered if none of the specified habitat is present Pre or Post Development

	Area Based Habitats	Linear (Watercourse) Habitats	Linear (Foliage) Habitats
Pre Development	0.258	0	0
Post Development	0	0	0
Post Development % of Pre Development	88%	Filtered for purpose of credit award	Filtered for purpose of credit award

Total Post Development % of Pre Development (Lowest Score)	88%	Minimising Loss
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Cells that are white with a black border require the user to input information, either by selecting from the available options or entering the required data.

Cells that are light grey (with/without black border) contain information for the user and/or automated calculation. They do not require the user to input or select data.

Area Based Habitat Enhanced								
Pre Dev Parcel Number	Pre Dev Biodiversity Units	Distinctiveness	Condition	Area Enhanced (ha or m ²)	Delivery Risk	Temporal Risk	Spatial Risk	Biodiversity Units due to Enhancement

Linear (Watercourse) Based Habitat Lost				
Parcel Number	Habitat Type	Length (m)	Condition	Biodiversity Units
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
Total		0		0

Total Post Development Linear (Watercourse) Biodiversity Units				
Pre Development Linear (Watercourse) Biodiversity Units	Linear (Watercourse) Units Lost	Linear (Watercourse) Units Created and/or Enhanced	Total Post Development Linear (Watercourse) Biodiversity Units	Biodiversity Unit Score
0	0	0	0	Filtered for purpose of credit award

Total Post Development Linear (Foliage) Biodiversity Units				
Pre Development Linear (Foliage) Biodiversity Units	Linear (Foliage) Units Lost	Linear (Foliage) Units Created and/or Enhanced	Total Post Development Linear (Foliage) Biodiversity Units	Biodiversity Unit Score
0	0	0	0	Filtered for purpose of credit award

Scheme	Credits or Points Awarded				
	Less than 75%	Between 76% & 94%	Between 95% & 104%	Between 105% & 109%	110% and above
BREEAM UK New Construction 2018	0	1	2	3	1 (Exemplary Level Credit)
Home Quality Mark One	0	2	4	6	8