

## ROCKLEY DENE, WORSBOROUGH

### BIODIVERSITY NET GAIN SUMMARY REPORT

August 2024

	Name	Date
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<b>Issue Date</b>		29/05/2024

## 1 SUMMARY

It is considered that the development if granted, would be subject to the biodiversity gain condition.

The pre-development biodiversity value of the onsite habitats has been determined using the habitat condition assessments contained within the accompanying Preliminary Ecological Appraisal and the Statutory Defra Biodiversity Metric (published 12.02.2024), and are as follows:

- 3.44 Habitat Units

No irreplaceable habitats are present on the application site.

It is noted that there was previous removal of urban trees on the site prior to survey, and to accurately record the pre-development biodiversity value, these have been included within the baseline UKHabs Plan (see figure 2 below) and contained within the accompanying metric.

As the site layout is fixed, this allows the post-intervention habitats to be detailed (see figure 3 below) and entered into the metric (as a Draft Biodiversity Gain Plan). This comprises areas of:

- Modified Grassland
- Other Neutral Grassland
- Individual Urban Trees
- Vegetated Gardens
- Hardstanding
- Buildings

Based on the Statutory Defra Biodiversity Metric calculations, the proposed development will result in an overall change in **Habitat Units to -7.33%** (-0.25 Habitat units), equating to a 0.6 unit deficit to achieve a 10% net gain.

In order to achieve the 10% net gain target required by the Environment Act (2021), this will need to be provided post-planning by the applicant either;

- On other land within the applicants ownership;
- As an agreed contribution with the LPA to implement on a scheme elsewhere;
- Through a habitat bank;
- Or as a last resort through DEFRA's Statutory Biodiversity Credit system.

This can be secured via the pre-commencement 'Biodiversity Gain Condition'.

All subsequent landscape plans / strategies submitted for approval must have due regard to habitat prescriptions provided within the user comments section of BNG metric to ensure that the targeted habitat and conditions will be achieved.

## FINAL RESULTS

<b>Total net unit change</b> <small>(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)</small>	<i>Habitat units</i>	-0.25
	<i>Hedgerow units</i>	0.00
	<i>Watercourse units</i>	0.00

<b>Total net % change</b> <small>(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)</small>	<i>Habitat units</i>	<b>-7.33%</b>
	<i>Hedgerow units</i>	0.00%
	<i>Watercourse units</i>	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
<i>Habitat units</i>	10.00%	3.44	3.79	<b>0.60</b>
<i>Hedgerow units</i>	10.00%	0.00	0.00	0.00
<i>Watercourse units</i>	10.00%	0.00	0.00	0.00

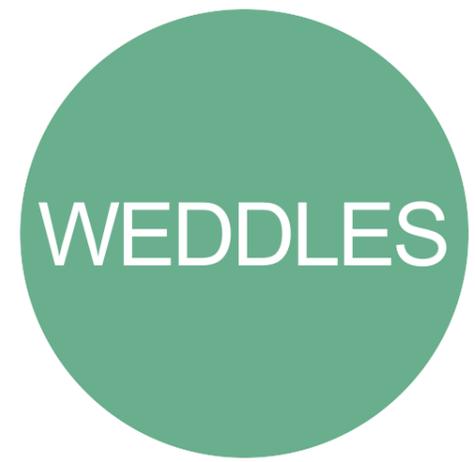
No additional hedgerow units required to meet target ✓  
No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

Figure 1: Extract of BNG Metric showing Final Result



- Key
- Red Line Boundary
  - Small Tree
  - Medium Tree
  - Small Tree - Felled Prior to Survey
  - Medium Tree - Felled Prior to Survey
  - g4 - modified grassland
  - u1 - built-up areas and gardens
  - u1b - developed land; sealed surface
  - u1b5 - buildings
  - r1g - other standing water



Job: ROCKLEY DENE, WORSBOROUGH			
Title: UKHABS BASELINE PLAN			
Scale@A3: 1:500	Drawn: EH	Date: 22/08/24	Drawing no. 1793-004



- Key
- Red Line Boundary
  - Small - Existing
  - Medium - Existing
  - Small - Proposed
  - g3c - other neutral grassland
  - g4 - modified grassland
  - u1 - built-up areas and gardens
  - u1b - developed land; sealed surface
  - u1b5 - buildings
  - r1g - other standing water

0 10 20 m



# WEDDLES

Job: ROCKLEY DENE, WORSBOROUGH			
Title: UKHABS POST-DEVELOPMENT PLAN			
Scale@A3: 1:500	Drawn: EH	Date: 22/08/24	Drawing no. 1793-005