Green Infrastructure Statement & Net Biodiversity Benefit Form for Pentre Cottages

Denise Roberts

September 17, 2025

Green Infrastructure Statement & Net Biodiversity Benefit Form

Form Completion Details

Form completed by:	Denise Roberts
Date:	September 17, 2025
Address of site:	Pentre Cottages, Pentre, Minera, Wrexham, LL11 3DP
Grid reference:	SJ 26911 51634
Description of Proposal:	Retrospective planning application for installation of gabion baskets (8m left x 4m right x 4m width) at the northwest boundary of the smallholding, approximately 10m from the western boundary (Wern Road), with a 1-2m working buffer and 2m-wide gravel access path, enhanced with a green wall for Net Biodiversity Benefit (NBB).

1. Details of all existing green infrastructure on site and approximate size

The site forms part of a smallholding with gardens and fields, featuring primarily grassed areas with some vegetation and trees present outside the application boundary (red-lined area), none affecting the gabion site.

Boundary 1 (East):	Eastern boundary of the smallholding's fields, grassed areas with some vegetation/trees outside the application site, no trees within.
Boundary 2 (West):	Western boundary (Wern Road), adjoining gardens and fields of the smallholding, grassed areas with some vegetation/trees outside the application site, 10m from gabion, no trees within.
Boundary 3 (North):	Northern boundary of the smallholding's fields, grassed areas with some vegetation/trees outside the application site, no trees within.
Boundary 4 (South):	Southern boundary of the smallholding's fields, grassed areas with some vegetation/trees outside the application site, no trees within; public right of way (PROW) approximately 20m south unaffected.
Front Garden:	Grassed garden area within the smallholding with some vegetation/trees (blue-lined owned land on location plan).
Rear Garden:	Grassed garden area within the smallholding with some vegetation/trees (blue-lined owned land on location plan).
Other:	Existing 2m-wide gravel access path from Wern Road (southwest to northwest), grassed surrounds with some vegetation/trees outside the application site.

2. What green infrastructure features have already been removed or require removal?

Boundary 1 (East):	None removed or required.
Boundary 2 (West):	None removed or required.
Boundary 3 (North):	None removed or required.
Boundary 4 (South):	None removed or required.
Front Garden:	N/A.
Rear Garden:	N/A.
Other:	None removed or required.

3. How are the retained features being protected during development (BS5837:2012)?

Boundary 1 (East):	No significant features within application site; gabion installation avoids grassed area disturbance; vegetation/trees outside unaffected.
Boundary 2 (West):	Grassed areas with vegetation/trees outside preserved; no construction impact.
Boundary 3 (North):	Grassed areas with vegetation/trees outside preserved; no impact.
Boundary 4 (South):	Grassed areas with vegetation/trees outside preserved; PROW 20m south unaffected.
Front Garden:	N/A.
Rear Garden:	N/A.
Other:	Gravel path maintained; vegetation/trees outside unaffected; no protection needed per BS5837:2012 (no trees within site).

4. What Green Infrastructure is being planted as mitigation for losses?

Boundary 1 (East):	None (existing grass with vegetation/trees outside preserved).
Boundary 2 (West):	None (existing grass with vegetation/trees outside preserved).
Boundary 3 (North):	Green wall on gabion baskets (8m x 4m x 4m) with ivy, honeysuckle, and grass mix at northwest boundary.
Boundary 4 (South):	None (existing grass with vegetation/trees outside preserved).
Front Garden:	N/A.
Rear Garden:	N/A.
Other:	None.

5. Biodiversity Enhancements

The enhancements are attached to the gabion baskets within the red-lined site at the northwest boundary, ensuring a net benefit for biodiversity.

	Measure	**Plan**	**Details**

	Green wall	Sketch plan (references site plan)	Gabion tops (8m x 4m x 4m) at north-west boundary covered with 5-10cm topsoil; planting mix: *Hedera helix* (ivy, 80 cuttings, 10cm spacing over 8m length), *Lonicera periclymenum* (honeysuckle, 32 cuttings, 25cm spacing), and native grass mix (e.g., *Festuca ovina*, 4 plants/m² over 32m² surface). Pruning twice yearly (spring/autumn) to manage growth. Photos to follow.
	Boxes (bird/bat)	N/A	None proposed.
	Hedgerow	N/A	None proposed.
	Tree/orchard planting	N/A	No additional trees; existing vegetation/trees outside unaffected.
	Wildflower grassland	N/A	None proposed.
	Pollinator shrub planting	N/A	None proposed.
	Wildlife ponds	N/A	None proposed.
	Hibernacula	N/A	None proposed.
	Any other measures	N/A	None proposed.

6. Management and Maintenance

Long-term management includes: - Regular pruning of ivy, honeysuckle, and grass mix (spring and autumn) to prevent overgrowth and ensure manageability. - Initial irrigation during the first year post-planting to establish growth. - Annual inspection to monitor plant health and biodiversity benefit, maintained for at least 5 years.

7. Conclusion

Based on the information provided, this development will result in a Green Infrastructure and Net Biodiversity Benefit upon completion, enhancing pollinator and wildlife habitats without loss, compliant with policy requirements. Existing vegetation and trees outside the application site are unaffected.

8. Sketch Plan

[Reference existing site plan with overlay indicating green wall planting on gabion tops (8m x 4m x 4m) at northwest boundary; to be provided as separate PDF or annotated copy.]

9. Site Photos

To be provided as separate ZIP file