



Construction Environmental Management Plan – Biodiversity (CEMP-B)

Plots 9 & 10,
Cwm Woods Grove,
Heolgerrig,
Merthyr Tydfil,
CF48 1DP

Matthew Jones

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Location: Plots 9 & 10, Cwm Woods Grove, Heolgerrig, Merthyr Tydfil, CF48 1DP

Prepared By: Maxiom Development Limited (Matthew Jones)

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1. Introduction

This CEMP-B is developed for Plots 9 & 10 Cwm Woods Grove on the Maxiom Development at Upper Colliers Row and in compliance with PPW Edition 12, incorporating guidance from the Preliminary Ecological Appraisal (PEA) by Acer Ecology, and taking into account the Glyndyrys Site of Special Scientific Interest (SSSI) nearby. This plan aims to minimize biodiversity impacts during the construction phase, ensuring the protection of species and habitats.

2. Objectives

- **Comply** with the requirements set out in PPW 12, specifically Section 6 on Biodiversity and Ecological Networks.
 - **Mitigate** potential impacts on local species and habitats.
 - **Monitor** and document adherence to biodiversity measures throughout the project.
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3. Site Description and Key Receptors

The site comprises two building plots within a broader development area, adjacent to woodland and scrub habitats. Key biodiversity features include nearby Glyndyrys SSSI (200m south), designated for its rare grassland fungi and varied habitats, which may be indirectly affected by dust, noise, and hydrological impacts.

4. Key Biodiversity Features and Species

4.1 Habitat and Flora

- Broadleaved Woodland and Dense Scrub: Support various species including nesting birds, bats, and invertebrates. This habitat borders the site and requires protection during construction.
- Ephemeral Vegetation and Rubble Pile: Areas within the plot cleared for construction must be managed carefully to prevent and take into consideration surrounding habitats.

4.2 Fauna

- Birds: Nesting habitat primarily within scrub areas. Recommended clearing times outside bird nesting season (March-September).
 - Bats: Low suitability for roosting but some potential for foraging and commuting.
 - Other Species: Potential presence of hedgehogs and reptiles along woodland edges.
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5. Construction Management Actions

5.1 Site Preparation and Vegetation Clearance

- Timing of Works: Vegetation clearance should be conducted outside of bird nesting season (March to September).
- Small Mammals: Check for mammals when open trenches and other such building elements are present during the process of development.

5.2 Habitat Protection and Pollution Control

- Tree and Scrub Protection: Install protective fencing around retained woodland and scrub to prevent accidental damage.
 - Dust and Noise Control: Use dust suppression measures and limit noisy construction activities to prevent impacts on SSSI and adjacent habitats.
 - Watercourse Protection: The proposed site is lower than that of the protected SSSI area, therefore contamination of waterbodies adjacent to the SSSI is not possible.
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6. Biodiversity Enhancements

6.1 Habitat Creation

- Native Shrub and Tree Planting: Install native plant species around plot perimeters to support connectivity for wildlife.
- Pollinator-friendly Landscaping: Incorporate wildflower meadows or patches, supporting local pollinator species.

6.2 Species-specific Enhancements

- Bird and Bat Boxes: Install nesting boxes on nearby trees and on buildings to support bird and bat populations.
 - Hedgehog Passages: Create small gaps in any fences to facilitate movement across the site.
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7. Monitoring and Compliance

7.1 Regular Inspections

The site manager will conduct monthly inspections to confirm compliance with CEMP-B (This report/plan) actions and address any incidents or deviations from the plan.

7.2 Reporting

The site manager will document all measures, adjustments, and observations in monthly reports. A final report will confirm the completion of biodiversity protection and enhancement commitments.

8. Emergency Response

- In the event of a spill or habitat damage, the site manager will immediately rectify and record the incident.
 - Record all incidents and corrective actions for inclusion in the project's final environmental report.
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This plan should be reviewed regularly to adapt to any changes in construction scheduling or local biodiversity conditions.