



CLIENT: Revantage
SITE: COED DARCY
DATE: October 2024
DOCUMENT REF: JN00657 / D05
Application No P2021/1193

- 1.1 Mitigation and enhancement measures are shown on the below map. As there are a multitude of different types of measures and species required to be provided for, some areas will double-up as mitigation and/or enhancement features for multiple species groups. Area calculations are therefore not given, as these would be misleading to the actual features on site. For example, the areas of open mosaic habitat to be created on roof tops of garages and the school building will provide suitable habitat for both invertebrates and the bats that predate them. This map and document focus on the provision of species or species group specific features, rather than habitats. An overview of habitat gains and losses is given in JN00657 – D04.
- 1.2 Specific mitigation measures are required for the following species:
- Great crested newts *Triturus cristatus*
 - Common lizards *Zootoca vivipara*
 - Grass snake *Natrix helvetica*
 - Lapwing *Vanellus vanellus*
- 1.3 Mitigation for great crested newts has been set out in a specific mitigation strategy for this species, as the population is considerable in size and one of the main ecological receptors at this site. Please refer to JN00657 – D01 for further details.
- 1.4 The provisions of a habitat corridor including multiple ponds, grassland areas and woodland thinned out to provide varied structure will also serve to provide suitable and enhanced quality habitat for the reptile species found present on site. Both species are also present on the neighbouring Crymlyn bog and the habitat corridor is being created along the western edge of the site, where it adjoins the bog. This will effectively also create a buffer for the bog. The habitat corridor itself will also include hibernacula to be installed and the species-rich grassland will provide foraging opportunities.
- 1.5 Lapwing have previously been found to be nesting on site, although usage has declined, likely owing to the successional processes on site. The former tip area at the south-western end of

the site is to be remediated, capped and covered with a crushed glass substrate originating on site that will ensure little vegetative growth occurs in this area, which in turn will provide suitable open areas for lapwing breeding purposes. Over time, as some plants pioneer, an open mosaic type habitat will be created, which will be suitable for invertebrates. Open mosaic habitat is also planned for the western most extent of this habitat

1.6 Enhancement measures are incorporated as follows:

- Woodland management to create more varied structure and enhance suitability for reptiles and great crested newts
- Species-rich grassland to provide opportunities for invertebrates and their predators
- Sand martin *Riparia riparia* tower
- Integrated bat boxes in at least 10% of new houses
- 100 bat boxes to be installed on suitable retained trees
- At least one bee brick to be included in each dwelling
- Beneficial management of natural habitats in perpetuity

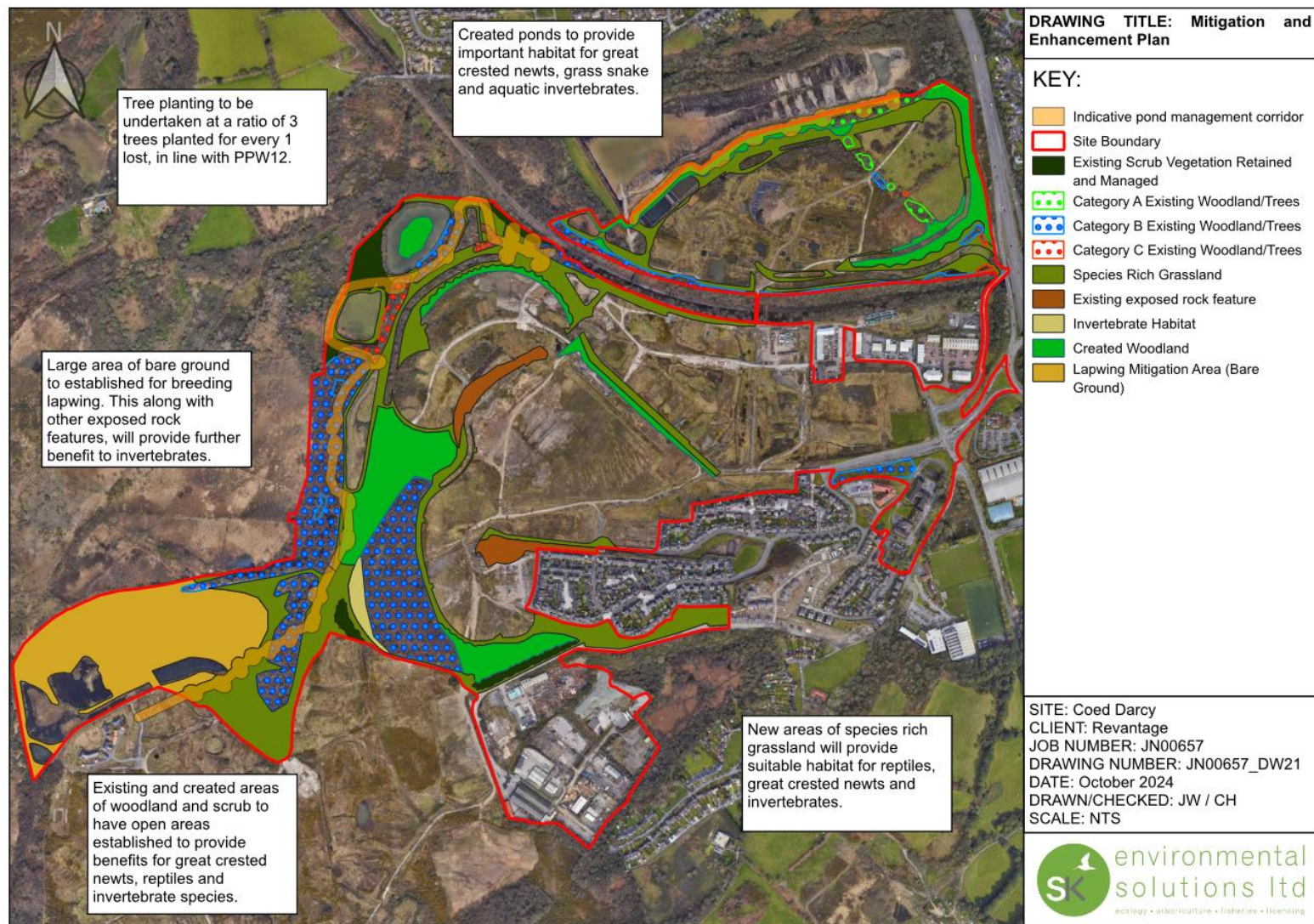


Figure 1: Mitigation and Enhancement Plan