



Technical Note

Subject	Plot 4, Elwyn Drive, Twynyrodyn, Merthyr Tydfil	Date	27.07.20
Ref		Previous versions:	
Author	Beth Evans		
Reviewed	Hugh Dixon	Date	27.07.20
Approved	Hugh Dixon	Date	27.07.20

Dear Matthew Davies,

We are writing to you with regards to your request for a letter regarding a brief walk over, compensation measures and enhancements at the above site.

The habitat present is comprised of regenerating scrub and tall ruderal vegetation. The scrub is individual stems of eared and grey willow and silver birch over sparse bramble scrub; the tall ruderal vegetation includes rosebay willowherb, hedge bindweed, creeping cinquefoil, herb Robert, wood avens, dogwood, eared willow, ragwort, common bent, common nettle, bramble, self heal, common sedge, cleavers, silver birch, sycamore (whip), red fescue and butterfly bush (whip).

The area of the site is extremely small and is completely surrounded by domestic housing and gardens with very poor connectivity to any other ecological valuable habitat.

There is some limited suitability perhaps for reptiles and amphibians (common species only) across the site, however, the relatively dense ruderal vegetation and isolation of the site reduces the suitability for this group and it is thought unlikely that large numbers will be encountered.

It is always possible that a bird will nest in vegetation, however, the scrub and tall ruderal on site does not appear to be dense enough to produce suitable cover for breeding birds, despite the fact that it is thought to be dense enough to limit the amount of reptiles using the site. There is no suitable habitat for ground nesting species. Sparrows were noted on a building adjacent to the site.

Invertebrates will use the site, however, this is likely to be limited to common and widespread species only due to the sites' isolation.

There is no vegetation on the site that is suitable for roosting bats. Bats will be able to continue foraging over the site on completion of the development.

No other evidence or potential for any other protected species was found on site

Due to the sites small size and isolated nature, it is considered unlikely that there will be any impact on protected species providing that the clearance is undertaken under ecological supervision. In addition to the above, the site is bounded by walls, roads and close board fencing.

There is Japanese knotweed present on the area directly above the walls of the site. This will need to be treated by an appropriately qualified contractor.

Compensation/Enhancements

Bats

A Schwegler 1FF bat box will be attached to the eastern elevation of the property. Should the 1FF prove difficult to source, an eco bat box (crevice box) <https://www.nhbs.com/title?slug=eco-bat-box> will be installed in its place. The bat box will not be illuminated and the eastern boundary of the site will remain unlit to allow bats to make use of the bat box undisturbed.

Birds

A Schwegler 1SP Sparrow Terrace or the following <https://www.nhbs.com/sparrow-terrace-nest-box> will be attached to the eastern elevation of the property.

Invertebrate

An insect tower will be stationed on the eastern boundary of the site.

[https://www.nhbs.com/4?slug=insect-boxes&q=&fR\[hide\]\[0\]=false&fR\[live\]\[0\]=true&fR\[shops.id\]\[0\]=4&fR\[subsidaries\]\[0\]=1&fR\[subjects_equipment.lv1\]\[0\]=Other%20Nest%20Boxes%2C%20Habitats%20%26%20Feeders%20%3E%20Insect%20Boxes&qtview=200553](https://www.nhbs.com/4?slug=insect-boxes&q=&fR[hide][0]=false&fR[live][0]=true&fR[shops.id][0]=4&fR[subsidaries][0]=1&fR[subjects_equipment.lv1][0]=Other%20Nest%20Boxes%2C%20Habitats%20%26%20Feeders%20%3E%20Insect%20Boxes&qtview=200553)

Plate 1- Japanese knotweed



Plate 2- General view of site



Plate 3- south eastern corner of site



Plate 4- north eastern corner of site



If you have any questions or queries, please do not hesitate to contact us.

Thank you,

Beth Evans

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