

Green Infrastructure Statement:

Site Address: Plas Farm, Rhos

Proposed Development: Micro hydroelectric installation (11kw) including intake structure, underground and overground pipeline, detached turbine house incorporating turbine and electrical control system, buried electrical cable together with discharge pipe and outfall structure

Site description: Agricultural land, holiday complex and watercourse

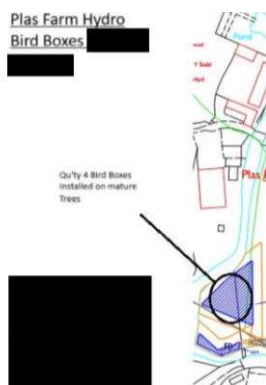
Surrounding Area description: Agricultural

Development Impacts:

- Minimal impact on watercourse and riparian corridor
- Loss of 1 no. tree. Felled and to remain on site for habitat creation.

Replacement planting to be at a ratio 3 trees of a similar type and compensatory size planted for every 1 lost and equivalent to the quality, environmental and ecological importance of the tree(s) lost and this will be on site or immediately adjacent to the site.

Biodiversity Enhancements Proposed -4 no. Bird boxes in location shown below:



This would create additional connectivity, and nesting habitats (taking into account impacts and surrounding features).

Conclusion.

It is considered that subject to the above, that the proposed development would maintain and / or enhance biodiversity, build resilient ecological networks and deliver net benefits for biodiversity.

Thus the development is considered to ensure any adverse environmental effects are avoided / compensated for.

Signed



Dated.

25/09/2024