Timescale for the implementation of the biodiversity net gain and other measures

Date: 27th August 2023

Code Number LGC P/2022/0791
Location of application - LAND OFF CHURCH HILL, GLYN CEIRIOG, LLANGOLLEN, WREXHAM, LL20 7LY
Description of application - CODI ADEILAD STORIO, CUT GEIFR A THOILED COMPOSTIO / ERECTION OF STORAGE BUILDING, GOAT HUT AND COMPOSTING TOILET

Condition of planning permission:
Within 12 weeks of the date of this decision a detailed timescale for the implementation of the biodiversity net gain and other measures set out in the Marches Ecology: Ecology Walkover Survey dated 14 February 2023 is submitted for the written approval of the Local Planning Authority

1. **Hedgerows**.

1) A native species-rich ('foraging') **hedge** is to be established along the track at ***Target Note 1*** (to the south of the fence), to include native fruit trees. Appropriate ecological advice should be sought on a species-mix to be utilised. Trees/ shrubs should be of minimum British, ideally local, provenance and should be planted at the correct time of year.

DONE ALREADY – March 2022- - present - Planted up several trees along track including: Several blackthorn, hawthorn, hazel, oak, rowan, crab apple,

TO BE DONE - Autumn 2023 and ongoing.
We are moving the fencing to the bottom of the bank to allow for more growth on the bank.
We have advice and guidance on tree / shrubs. Advisors are Howard Sutherland, Arboricultural Assessor, Tom Adams – Organic Fruit Tree Nursery and Angela Houghton, ecologist.

The degraded hedge along the roadside bank at *Target Note 7b* is to be **continued to be established/ infilled**. Any retained/ created hedgerow should be managed appropriately for wildlife in the long term.

DONE ALREADY Feb 2022- present – Planted several yearlings and whips including oak, hazel, rowan, crab apple, willow, hawthorn, blackthorn and elder. Large fencing posts put in stop local farmer flayling again. This has allowed previously flayled down elder, willow and hazel to start to grow again. See photographs below.

TO BE DONE - Winter 2023-2024 – Continue infilling as above

















2. **Native (Welsh) fruit trees to be planted**. Refer above with regards provenance. Appropriate ecological advice to be sought on locations/ density *etc* to ensure existing ecological resource is not compromised.

   DONE ALREADY: 2023 SUMMER - We have started a fruit tree nursery under the guidance from Tom Adams Organic Fruit Tree Nursery, Ceiriog Valley. We attended an apple tree grafting workshop with Tom and have 6 trees in our nursery that we will plant out when ready, probably next winter.

   TO DO Sep 2023 - present– Plant trees as per ecologis.

3. **No further expansion of tree planting** at *Target Note 6a.* Any dead whips will not be replaced.

   DONE ALREADY – No further tree planting has been done

   TO DO – 2023 – 2024 - Continue as per instruction

4. **The Goat enclosure is to be limited** / reduced with appropriate fencing. Goats are not to have access to the stream/ streamside banks; rather the existing pond is to be provided for water access. Goats access to any planted hedgerows/ trees to also be restricted.

   TO DO Autumn 2023 – Summer 2024 – moving fences to restrict goat access allowing new growth and hedgerows to establish.

5. **Additional small ponds** (outside Goat enclosure) to be constructed, which will be allowed to naturally vegetate. Exact locations/ construction details *etc.* to be reviewed by an ecologist – refer to 'Constraints' section above.

   TO DO - Autumn 2023 - Winter 2024 – we are continuing our observations with our ecologist to determine the most suitable location, size and water sources for these.

6. **Remaining habitats in the field at *Target Note 6* (including damp grassland towards base of slope) are to be left un/ infrequently managed** to develop potentially valuable habitat for reptiles (especially Slow-worm). Management is to be restricted to rotational cutting in mosaics to develop different sward heights/ structures, with any cut being to 15-20 cm height at the end of the growing season and arising removed. Arisings can be placed in designated piles (ideally mixed with brash). Natural scrub development is to be allowed, ideally in mosaics within the grassland to provide ecotones.

   SO FAR – Feb 2023 - present : minimal infrequent management of the land has taken place

   See photos:













7. **No particular management** is suggested of the mosaic of neutral grassland/ scrub/ Bracken at ***Target Note 2*****.** This resource is of potential value to Slow-worm. Occasional hand cutting of invasive scrub in the grassland areas may be appropriate, as may possible limited/ scattered planting of native fruit trees *etc.* within/ along the edge of this habitat.

   Photo's show are of Target Note 2.

   Small area of overgrown bramble hand cut around hawthorn in Spring 2023




























8. **Bat- and bird-boxes are to be installed on trees**. 3 no. bat-boxes, 6 no. bird-boxes (3 open fronted and 3 round hole entrance((targeting various species). Advice to be sought from an ecologist on box type, locations/ installation and long-term maintenance/ monitoring.

   Ongoing advice obtained from Angela Houghton BSC MSc Ecology.

   DONE ALREADY:

   Feb 2022 – present – 6 birdboxes installed: 3 open fronted for blackbirds, robins, wren and song thrush and 3 small holed for tits, sparrows, nuthatches etc

   Location of bird boxes are as follows:

   > Birdbox 1 on composting toilet, birdbox 2 in hawthorn opposite composting toilet, birdbox 3 on large ash on South Edge of woodland, birdbox 4 on barn South facing, birdbox 5 on large Oak on roadside west facing, birdbox 6 on hawthorn roadside bank facing West.

   2 bat boxes installed on side of barn March 2023. It has a steep bank below giving extra height

   TO BE DONE:

   2023 – 2024 – Ongoing monitoring of bats with ecologist to determine best location for more bat boxes








9. **Any on-going sowing of flower seed mixes** (for example along access track at *Target Note 1*) to use appropriate **native mixes only**. Advice to be sought from an ecologist.

DONE ALREADY - There has been a lot of natural growth this year, E.g ragwort, foxgloves, fern, brambles

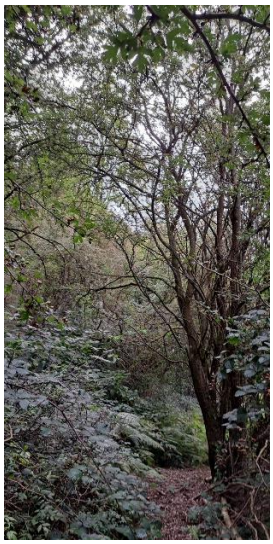
TO DO - if we sew any more seed mix will do under the guidance of our advisors as per this condition.

10. **Dense/ mature Hawthorn scrub at *Target Note 8* is to be retained** for nesting birds.

DONE AREADY – No changes made to the dense, mature hawthorn scrub.

TO DO – Take advice to manage the woodland







11. **Woodland** at *Target Note 4* is to be subject to positive on-going/ long-term management. Management to be limited in scope; felling of diseased Ash as required, rotational long-term coppicing of mature Hazel, encouraging regeneration of standard trees.

    Woodland management advice as per Woodland report from Howard Sutherland being used to guide.

    DONE ALREADY – Ash not yet felled, we have had storm damage to several hawthorn and hazel however have either left them

    TO DO – Manage woodland as per report from Howard Sutherland.

12. Any further construction of **paths within the woodland** at *Target Note 4* is to be minimised with any species-rich ground flora areas being avoided. Advice to be sought from an ecologist.

DONE ALREADY- Minimal ecological minded pathways have been constructed between Jan 2022 and present avoiding areas of species rich ground flora such as wild garlic and bluebells.

Pathways are not covered and are edged using fallen trees or coppiced hazel to create wildlife hedges.

Purpose of pathways are to access woodland for maintenance and improvement and to reduce footfall on areas of species rich ground flora.

TO DO – Autumn 2023 ongoing - We continue to work following ongoing advice from Ecologist.



13. 2 no. **Hedgehog nest boxes are to be provided**. Advice to be sought from an ecologist on box type and locations/ installation.

DONE ALREADY Jan 2022-present

We have created 100s of metres of dead hedging along pathways and piles of brash to provide habitat for hedgehogs and other wildlife.





TO DO Autumn 2023 - We will install nest boxes as per the ecology report based on advice from ecologist