



- Notes:**
1. New native broad leaf hedge for windbreak and wildlife
 2. New ponds are likely to extend the habitat available to protected species as well as other wildlife.
 3. Traditional orchard over grazed grassland
 4. This area will be based on a forest edge ecosystem with floodplain meadow grazed by sheep, and with isolated trees gradually joining existing old hedgerow, extended to include native woodland trees, soft fruit, perennial vegetables and inoculated mushroom logs. In addition to known producers there will be a research aspect and unusual species and combinations will be planted at the edges(e.g. hardy kiwi, Szechuan pepper, groundcover raspberries, etc.)
 5. Retention of species rich grassland through extensive grazing
 6. Wetland Ecosystem Treatment (W.E.T.) System. This is effectively a series of ponds which transform organic nutrients found in wastewater into plant biomass and soil. As with the new proposed ponds, these swales are likely to extend the habitat available to protected species as well as other wildlife.
 7. Although Agroforestry systems are still new to the UK, the first research sites demonstrate high combined yields and improved health of plants. Likely benefits of the proposed Agroforestry systems include: increased wildlife habitat, combined yields and pest and disease resistance; improvements in soil fertility; and less rainwater run-off. This area of Agroforestry will also be home to 25 bee hives.
 8. Proposed native species for new wood as follows: *Alnus glutinosa* - Alder, *Prunus spinosa* - Blackthorn or Sloe, *Prunus avium* - Wild Cherry, *Malus sylvestris* - Crab Apple, *Sorbus aucuparia* - Rowan, *Sambucus nigra* - Elder, *Viburnum opulus* - Guelder Rose, *Corylus avellana* - Hazel, and *Fraxinus excelsior* - Ash.
 9. Windbreak, quite possibly of silver birch and ash and including a small ash coppice
 10. New willow will be beneficial for bees and other insects
 11. Hedgerow throughout the entire site will be maintained for wildlife. This does not preclude occasional coppicing/laying where stock-proof boundaries need to be maintained.
 12. No-dig, addition of green and animal manures will improve soil condition
 13. Fruit and nut orchard under-sown with shrubs, vegetables and other crops. Proposed tree species as follows: Pecan, Chestnuts, Hazel, Black walnut, Walnut (Broadview), Almond, Fig, Discovery (MM106), Scrumptious, Taunton Cross, Bleinheim Orange, Medlar, Apricot, Mirabelle de Nancy, Ouilens Golden gage, Peach (St Juien A), Pears (Quince A), Blackcurrant, Gooseberry, Blackberry, Raspberry, and Northern Blueberries.
 14. In view of the potential use of the site by otters the secluded nature of the river will be preserved. The W7 Wet Woodland will not be altered.

Note:
Drawings composed from
Site Survey information

Proposed Development @ Greenham Reach			
PLANNING	PROPOSED LANDSCAPE PLAN		
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