

Ecosystem Service Statement

SDNP/22/03291/HOUS Orchard Cottage Wildlife Pond

The proposed site lies within the South Downs National Park and in line with Policy SD2 the following ecosystem considerations have been made within the project.



Ecosystem Service Actions	Policy SD2 Criterion
Wildflower meadow is being included which will require less management than the existing grassland	a) Sustainably manage land and water environments
<p>A wildlife pond is to be created featuring native marginal and aquatic planting.</p> <p>New wildflower meadow is to be created to replace current grassland to increase plant diversity, link into retained habitats and provide flowering species for invertebrates. It will also offer cover for amphibians, small mammals and invertebrates which may be in the local area.</p> <p>New bat boxes and bird boxes are to be installed within the property grounds and once established management of hazel will create brash and logs which will be used to create log piles.</p>	b) Protect and provide more, better and joined up natural habitats
	c) Conserve water resources and improve water quality
	d) Manage and mitigate the risk of flooding
	e) Improve the National Park's resilience to, and mitigation of, climate change
The proposals include the planting of new hazel shrubs	f) Increase the ability to store carbon through new planting or other means
All soils are to be retained and reused within the site, subsoil to help with grading the wildlife pond and the topsoil will be spread to sow wildflower and grass seed over	g) Conserve and enhance soils
UK sourced wood will be used for the decking	h) Support the sustainable production and use of food, forestry and raw materials
Re-use of soil on site and sourcing from local retailers to reduce transport miles	i) Reduce levels of pollution
	j) Improve opportunities for peoples' health and wellbeing
	k) Provide opportunities for access to the natural and cultural resources which contribute to the special qualities