

Bellman Quarry

Site Biodiversity Action Plan



Site Information- Bellman

Site Name and Location	Bellman Quarry located approximately 1.5 km to the north east of Clitheroe, Lancashire. Grid Ref – SD762430
Hanson Company	Hanson Cement
BAP(s) that will be targeted	UK BAP Lancashire LBAP
Habitat(s) to be developed	Broadleaved and mixed woodlands Calcareous grasslands Ponds
BAP species to be encouraged	<i>Mammals:</i> Bats (all species) <i>Birds:</i> *Skylark, Lapwing, *Song thrush, *Reed bunting <i>Amphibians:</i> Frog, Toad, Smooth newt, Palmate newt <i>Invertebrates:</i> butterflies, dragonflies <i>Other notable species:</i> Curlew * Red listed species
Designated Natural Area	Bowland Fringe and Pendle Hill/Forest of Bowland
Background and site description	Part of the site is designated a geological SSSI; Salthill and Bellman Park Quarries, and 300m to the west is another geological SSSI called Clitheroe Knoll Reefs. 800m to the north west is a geological SSSI called Coplow Quarry. Within the boundary of the site habitats such as calcareous grassland, fen, swamp, plantation woodland and standing water can be found. Species recorded on the site include badger, nesting curlew, and amphibians such as common frog, smooth newt and palmate newt.
National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m	Geological SSSI's: Salthill and Bellman Park Quarries, Clitheroe Knoll Reefs, Coplow Quarry, Forest of Bowland AONB
Resource Requirements	Restoration budget.
Contribution to biodiversity	Bellman Quarry provides an opportunity to diversify habitats that fringe the quarry to mitigate for habitats being lost to quarrying.
Partners and Local initiatives	Lancashire Wildlife Trust Ribble Rivers Trust
Other documents supporting the site BAP	Site Restoration Plan

Site Layout



Action Plan

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	Maintenance of agricultural land.	<ul style="list-style-type: none"> Permanent pasture 	Maintenance of resource.	1.Promote environmentally sensitive agriculture adjacent to nature conservation areas	Land within agri-environment schemes to complement nature conservation areas.	Landscape Architect Site Manager	Ongoing managed annually until 2033
2	Creation and maintenance of calcareous grassland.	<ul style="list-style-type: none"> Calcareous grassland 	Creation of further areas of grassland and maintenance of existing species rich grassland.	1. Seed areas and monitor establishment. 2. Maintain management of existing areas.	Ha created and seeded. Ha maintained.	Landscape Architect Site Manager	Ongoing as per working and restoration plans until 2033
3	Habitat management of open water	<ul style="list-style-type: none"> Open water, ponds 	To provide a range of pond conditions for a range of species.	1. Periodic management of ponds to maintain proportion of open water/aquatic species and marginal vegetation.	Area of open water in ponds. Surveys by local groups.	Site Manager Landscape Architect	Ongoing until 2033
4	Habitat restoration of woodland and hedgerows	<ul style="list-style-type: none"> Broad leaved woodland Hedgerows 	Create new woodland and maintain original woodland area pre-quarrying. Ensure connectivity between woodland blocks through creation and maintenance of hedgerows and	1. Establish and manage woodland. 2. Hedgerow planting and maintenance.	Ha created and maintained Lin m. created and maintained	Landscape Architect	Ongoing as per working and restoration plans until 2033

			shelterbelts in agricultural zone				
5	Habitat and species monitoring	<ul style="list-style-type: none"> • Calcareous grassland • Open water • Ponds 	Ensure target species are monitored and appropriate response agreed	To form links with local groups	Monitoring reports Survey results	Site Manager Landscape Architect Ecological consultants Local groups	Ongoing
6	Communications and publicity	Encourage educational visits Maintain local media interest in the site and its BAP features	Local schools regard and use site as educational resource.	1. One or two open days or school days/year.	No of colleges, schools and students visiting site	Site Manager	Ongoing