

Lanehead Quarry

Site Biodiversity Action Plan



Prepared: December 2011

Updated: December 2013

Site Information- Lanehead

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| Site Name and Location | Lanehead quarry is located approximately 2 km to the north east of Clitheroe, Lancashire. Grid Ref – SD756438 |
| 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 Open water |
| BAP species to be encouraged | <i>Mammals:</i> Bats, Brown hare <i>Birds:</i> *Skylark, Lapwing, *Song thrush, *Reed bunting, *Peregrine, Raven * Red listed species |
| Designated Natural Area | Bowland Fringe and Pendle Hill/Forest of Bowland |
| Background and site description | There are several geological SSSI's within 1km of the site, but none for biological interest. Within the boundary of the site habitats such as calcareous grassland and plantation woodland can be found. Species recorded on the site include badger, brown hare and skylark |
| National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m | 4 Geological SSSI's Forest of Bowland AONB |
| Resource Requirements | Restoration budget. |
| Contribution to biodiversity | Lanehead Quarry provides an opportunity to diversify habitats that fringe the quarry to mitigate for habitats being lost to quarrying. Habitats to be created include, woodland, species rich grassland and a large lake within the quarry void with fringing marginal vegetation. |
| Partners and Local initiatives | Lancashire Wildlife Trust |
| Other documents supporting the site BAP | Site Restoration Plan |

Action Plan

| Item No | Objective | Biodiversity Feature | Targets | Tasks | Assessing Indicator | Responsible Person | Timescale (Completion) |
|---------|--|--|--|---|---|---|------------------------|
| 1 | Lanehead biodiversity Corner - Habitat management of | Pond Woodland Grassland Footpaths | Maintain habitats and access routes Maintain pond in biodiversity | 1.Repair paths and interpretation boards when necessary | Land area maintained (ha). Land area | Site Manager Landscape Architect | Ongoing until 2033 |

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| | existing features | | corner Extend biodiversity corner through restoration of adjacent quarry corner | 2.Manage pond habitats to prevent succession 3.Restoration and habitat creation | restored Progress detailed in annual report. | Ecological consultant | |
| 2 | Maintenance of agricultural land | 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 | Site Manager | Ongoing until 2033 |
| 3 | Habitat management of open water | 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 | Annual walkover to assess pond conditions. Annual reporting. | Site Manager Landscape Architect. | Ongoing until 2033 |
| 4 | Calcareous grassland | Long term aim to revegetate benches and create limestone flora | Diverse range of conditions along faces and benches above water line | 1.Ongoing restoration of quarry benches | Annual reporting | Landscape Architect. | Ongoing until 2033 |
| 5 | Habitat restoration of woodland and hedgerows | Broad leaved woodland Hedgerows | Maintain original woodland area pre-quarrying Ensure connectivity between woodland blocks through creation of hedgerows and shelterbelts in agricultural zone | 1.Woodland and hedgerow planting programme inc fencing 2.Manage hedgerow development by cutting and laying | Land area maintained | Site Manager Landscape Architect | Ongoing until 2033 |
| 6 | Species conservation and management | Peregrine and raven | Maintain bird breeding populations Site to monitor protected species every year. | 1.Protect existing known nests/habitats and limit disturbance on site by making site staff aware of habitat areas. | Site Manager to inform site staff and contractors working close to habitat areas. | Site Manager | Ongoing until 2033 |
| 7 | Communications and publicity | Encourage educational visits | Local schools regard and use site as educational resource | 1 or 2 open days or school days/year | No of colleges, schools and students visiting site. | Site Manager | Ongoing until 2033 |

