

# Barton

## Site Biodiversity Action Plan



### Site Information- Barton

<b>Site Name and Location (incl. Grid Ref.)</b>	Barton Quarry, Staffordshire (SP419315 )
<b>Hanson Company</b>	HANSON AGGREGATES – CENTRAL
<b>BAP(s) that will be targeted</b>	National BAP Staffordshire LBAP National Forest LBAP
<b>Habitat(s) to be developed</b>	Rivers, Reedbeds; Wet Woodland; Standing Open Water & Canals.
<b>BAP species to be encouraged</b>	Water Vole; Otter; Barn Owl.
<b>Designated Natural Area</b>	Trent and Valley Rises.
<b>Background and site description</b>	Barton Quarry extends to just over 370 ha in the floodplain and terraces of the River Trent, just south of Burton, within Staffs. The site comprises a range of restored land uses including woodland and an extensive floodplain nature reserve enveloping water recreation lakes, which is still in the process of being restored.
<b>National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m</b>	SSSI - River Mease Ref: 1007357 <a href="http://www.sssi.naturalengland.org.uk/special/sssi/sssi_details.cfm?sssi_id=2000416">http://www.sssi.naturalengland.org.uk/special/sssi/sssi_details.cfm?sssi_id=2000416</a> SAC - River Mease Ref: UK0030258 <a href="http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?euocode=UK0030258">http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?euocode=UK0030258</a>
<b>Resource Requirements-comment on cost if appropriate</b>	Regular contact with Staffs Wildlife Trust, which gleans monitoring data. Pre-strip ecological surveys are a requirement of planning conditions. Protection of existing habitats is a legal requirement.
<b>Contribution to biodiversity</b>	Increasing the areas of reedbeds and wet woodlands are national habitat priorities. The restoration of the entire wetland complex will create a large nature reserve capable of supporting significant populations of non-target species and of BAP priority species including Water Vole and Otter. Barn Owl boxes have been erected around the site previously and will be replaced/repared as necessary to ensure they continue to provide nesting sites for a local target species.
<b>Partners and Local initiatives</b>	Staffordshire Wildlife Trust.
<b>Other documents supporting the site BAP</b>	Barton Environmental Statement.

# Site Layout



## Action Plan

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	Restore important habitats.	Wet Woodland. Rivers & Streams. Open Water & Canals.	370 ha of floodplain restored to a mosaic of open water, channels, ponds, reedswamp, fen, wet woodland, wet grassland.	In compliance with approved restoration scheme, progressively restore site utilising planting and natural regeneration, as appropriate.	Successful completion of all restoration works in accordance with approved scheme.	Landscape Architect.	3 years.
		Reedbed	25 hectares new reedbed.	Create landform capable of supporting reedbed development and inoculate with reeds either by planting or other approved means (e.g. rhizome transplanting).	Area (ha) reed shelf created and successful take of reed plants.	Landscape architect.	3 years.
2	Consult with BAP partner organisations.	Site restoration.	Maintain regular contact with SWT NF and EA.	Continue restoration design for combined biodiversity and flood alleviation	Submit results to NF and SWT	Landscape Architect.	Twice per year for life of site (3 years).
3	Encourage rare species.	Water Vole, Otter.	Species noted on site.	Restoration of site as per target 1. Consideration given to utilisation of materials (e.g. tree felling arisings) to create habitat opportunities.	Sightings of species by site staff, consultant ecologist or third parties (e.g. bird club members, Staffs WT mammal surveys).	Landscape Architect, Site Manager.	Annual report for life of site (3 years).
4	Protect species.	Barn Owl.	Maintain existing owl boxes.	Monitor condition of owl boxes and repair/replace as appropriate.	Owl boxes monitored annually.	Site Manager.	Once per year for life of site (3 years).