

## Shardlow Site Biodiversity Action Plan

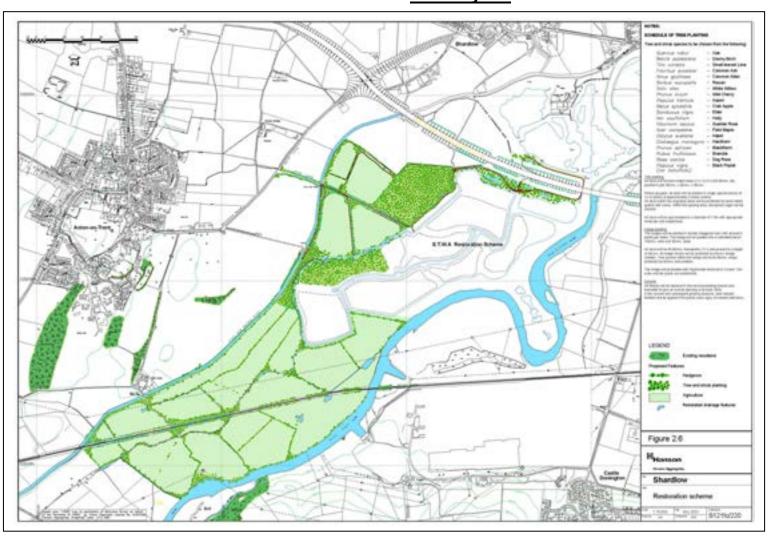


Prepared: 2013 Updated: 2013

## **Site Information- Shardlow**

Cita Nama and	Chardley Over Derbyshire (CD444200)				
Site Name and	Shardlow Quarry, Derbyshire (SP441328)				
Location (incl.					
Grid Ref.)					
Hanson	HANSON AGGREGATES – CENTRAL				
Company					
BAP(s) that	National BAP				
will be	Derbyshire LBAP				
targeted					
Habitat(s) to	Rivers, Reedbeds; Wet Woodland.				
be developed					
BAP species	Water Vole; Otter; Barn Owl.				
to be	Trator Fore, Starr Strict				
encouraged					
Designated	Trent and Valley Rises				
Natural Area	TIGHT AND VAHEY NISES				
	Shardlow Quarry extends to just over 100 ha in the floodplain and terraces of the				
Background					
and site	River Trent, just south of Shardlow. The site comprises a range of restored land				
description	uses including woodland and extensive floodplain farmland which is still in the				
	process of being restored.				
National	Donnington Park SSSI – Ref: 1003024				
Designations	http://www.sssi.naturalengland.org.uk/special/sssi/sssi_details.cfm?sssi_id=1003796				
(SSSI, SAC,					
SPAs,					
RAMSARs and					
NPs) within					
500m					
Resource	Regular contact with Derbyshire Wildlife Trust, which gleans monitoring data. Pre-				
Requirements-	strip ecological surveys are a requirement of planning conditions. Protection of				
comment on	existing habitats is a legal requirement.				
cost if					
appropriate					
Contribution	Increasing the areas of reedbeds and wet woodlands are national habitat priorities.				
to biodiversity	The restoration of the entire wetland complex will create a large nature reserve				
to broarrorony	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/repaired as necessary to ensure they continue to provide nesting sites for				
	local target species.				
	100ai taigot species.				
Partners and	Derbyshire. Wildlife Trust. On-Trent				
	Delaysinie. Wildine Hust. Oil-Hellt				
Local					
initiatives					
Other	Shardlow Environmental Statement.				
documents					
supporting the					
site BAP					

## **Site Layout**



## **Action Plan**

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	Restore important habitats.	Wet Woodland.	14 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.	5 years.
2	Restore important habitats.	Reedswamp within wet woodland	5 hectares new reedbed.	Create silt lagoon landform capable of supporting reed development and inoculate with reeds either by planting or other approved means.	Area (ha) reed shelf created and successful take of reed plants.	Landscape architect.	5 years.
3	Consult with BAP partner organisations.	Site restoration.	Maintain regular contact with DWT , EMA and EA.	Continue restoration design for biodiversity combined with Bird –strike and flood alleviation	Show results to On-Trent, DWT	Landscape Architect.	once per year for life of site (5 years).
4	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, DWT mammal surveys).	Landscape Architect, Site Manager.	Annual report for life of site (5 years).
5	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).