

KETTON

Site Biodiversity Action Plan



Site Information- Ketton

Site Name and Location (incl. Grid Ref.)	Ketton Quarry, Rutland (OS map ref: SK982054)
Hanson Company	HANSON AGGREGATES – CENTRAL
BAP(s) that will be targeted	National BAP Leicestershire and Rutland BAP
Habitat(s) to be developed	Broadleaved Woodland Calcareous grassland
BAP species to be encouraged	Great Crested Newt Badger Bats Invertebrates
Designated Natural Area	Eastern area – Trent Valley Rises Western area – Lincolnshire and Rutland Limestone
Background and site description	Ketton Quarry has been an active limestone quarry since 1928, with areas at various stages of working and restoration. Its highest point lies at 100m aod. The unworked land is mainly in agricultural use, with extensive areas of woodland and scrub.
National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m	Ketton Quarries SSSI http://www.sssi.naturalengland.org.uk/citation/citation_photo/1000210.pdf Rutland water SSSI http://designatedsites.naturalengland.org.uk/UnitDetail.aspx?UnitId=1001184 Rutland Water RAMSAR site Rutland Water SPA Shacklewell Hollow SSSI
Resource Requirements-comment on cost if appropriate	Pre-stripping ecological surveys and protected species monitoring reports, which are planning and legislative requirements. Protection of existing habitat features. Creation of woodland, ponds, grassland are all part of the approved restoration scheme
Contribution to biodiversity	Ketton quarry is home to 26 different species of butterfly and a large number of birds, including nightingales. Nearly 13,000 trees and shrubs have been planted on an extension to the Wytchley Warren Farm quarry in Ketton. The company has also built a 63-metre long bat cave in the quarry. In recent years on the Ketton Quarry SSSI, local volunteers have helped clear some of the scrub and grazed the grassland with donkeys. The WildlifeTrust's small flock of manx loghtan sheep now graze the area and the rate of scrub removal has been increased so that more calcareous grassland, a nationally important wildlife habitat, can be established. The intention is to link up all of the remaining pockets of grassland, but to leave some scrub. Manx Loghtan sheep belonging to the trust have grazed in the paddocks in rotation since 2004
Partners and Local initiatives	Leicestershire and Rutland Wildlife Trust.
Other documents supporting the site BAP	Mercaston Quarries Environmental Statement [ROMP]. Protected species reports (confidential).

Action Plan

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	Restore important habitats.	Calcareous grassland	Create 10 ha of heath/grassland mosaic.	In compliance with proposed restoration scheme, monitor and survey areas of grassland and encourage establishment by transplanting of turves. Protect any existing grassland by on-going management of trees and scrub.	Land area restored (ha). Successful establishment of planted species (report). Land area cleared of competing vegetation (ha).	Landscape Architect.	Bi-annual reporting for the life of the site.
2	Restore important habitats.	Broadleaved woodland.	Create 18 hectares of broadleaved woodland (including open areas and glades).	Restore to extensive areas of broadleaf woodland with open areas (approx 20% area) allowing natural regeneration and increasing biodiversity potential. Woodland establishment will be by planting of native tree and shrub species to compliment the woodland in the surrounding area.	Area of woodland planted (ha).	Landscape Architect.	Report on woodland planting as it occurs throughout life of site.
3	Protect species.	Great Crested Newt, Badger, Bats Invertebrates	Minimise disturbance to existing site populations. Monitor protected species at least once every two years.	Protect existing known nests/habitats and limit disturbance on site by making site staff aware of habitat areas. Monitor site for development of new nests/habitats	Bi-annual species monitoring reports. Site Manager and Landscape architect to inform site staff and contractors working close to habitat areas.	Landscape Architect. Site Manager.	Every two years for life of site.