

Misson Quarry

Site Biodiversity Action Plan



Prepared: April 2015	Updated:
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Site Information - Newington-North

Site Name and Location	Misson Quarry, North Nottinghamshire Grid Ref – SK 680 942
Hanson Company	Hanson Aggregates - North
BAP(s) that will be targeted	UK BAP Nottinghamshire LBAP
Habitat(s) to be developed	Priority: Broadleaf woodland Other: Hedgerows with wildflower margins, unimproved grassland field margins, species rich grassland, bare substrate areas and small ephemeral pools.
BAP species to be encouraged	<i>Birds:</i> sand martin, barn owl <i>Invertebrates</i>
Designated Natural Area	Humberhead Levels
Background and site description	Misson Quarry is situated approximately 1km southwest of the town of Mission in Nottinghamshire. The quarry is close to part of the River Idle Washlands SSSI, which covers an area of approximately 10ha out of a total of 88ha. The Washlands are the best remaining examples of the type along the River Idle floodplain and are important for feeding and roosting populations of wintering and passage wildfowl. Breeding waders are also present.
National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m	River Idle Washlands SSSI.
Resource Requirements- comment on cost if appropriate	Restoration budget.
Contribution to biodiversity	The majority of the site will be restored to agriculture with pocket woodland, hedgerows with wildflower margins, species rich grassland margins, bare substrate areas and small ephemeral pools. A sand martin face will be created and a nest box installed to attract barn owl.
Partners and Local initiatives	Nottinghamshire Wildlife Trust
Other documents supporting the site BAP	Restoration Plan Misson Quarry Aftercare Strategy (Rev A) May 2010

Action Plan

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	Creation of broadleaf woodland	<ul style="list-style-type: none"> Pocket woodland 	5 separate blocks of woodland planting totalling around 1.3ha, including 0.35ha already planted.	<ol style="list-style-type: none"> Plant woodland as restored areas become available. Ongoing maintenance 	Areas of woodland planted and species colonising.	Landscape Architect	2017-2020
2	Creation of hedgerows with wildflower margins	<ul style="list-style-type: none"> Hedgerows Wildflower margins 	Gap-up 800m existing hedgerows. Plant 1.1km hedgerows with wildflower margins.	<ol style="list-style-type: none"> Gap-up existing hedgerows Plant new hedgerows as restored areas become available Sow wildflower seed Ongoing maintenance 	Lengths of hedgerow planted and species colonising.	Landscape Architect	2017 to 2020
3	Creation of unimproved grassland field margins	<ul style="list-style-type: none"> Unimproved grassland field margins 	1.6ha of unimproved grassland field margins on steeper slopes to provide habitat for ground nesting birds.	<ol style="list-style-type: none"> Monitoring of natural regen Sowing of wildflower seed mix Monitoring success 	Area of field margin created.	Landscape Architect	2017 to 2020
4	Creation of species rich grassland	<ul style="list-style-type: none"> Species rich grassland 	1.0ha of species rich grassland mosaic.	1.Sowing of wildflower seed mix on subsoil	Areas created and species colonising.	Landscape Architect	2017 to 2020
5	Creation of bare substrate areas and small ephemeral pools	<ul style="list-style-type: none"> Bare substrate areas Ephemeral pools 	Part of a mosaic habitat with species rich grassland and ephemeral pools.	<ol style="list-style-type: none"> Create scrapes and bare areas during final earthworks. Use any clay found to line ponds Divert ditch to ponds 	Areas created and species colonising.	Landscape Architect	2017 to 2020
6	Creation of sand martin face	<ul style="list-style-type: none"> South facing sand face 	A permanent sand martin feature.	1. Design final restoration earthworks to create sand martin face – with railway sleepers if required.	Area created and used by sand martin.	Site Manager Landscape Architect	2017 to 2020
7	Encourage barn owl	<ul style="list-style-type: none"> Barn owl box 	To encourage barn owl into the area by providing a suitable nest box	1. Install nest box.	Barn owl using box.	Landscape Architect	2017 to 2020