

# Misson Quarry

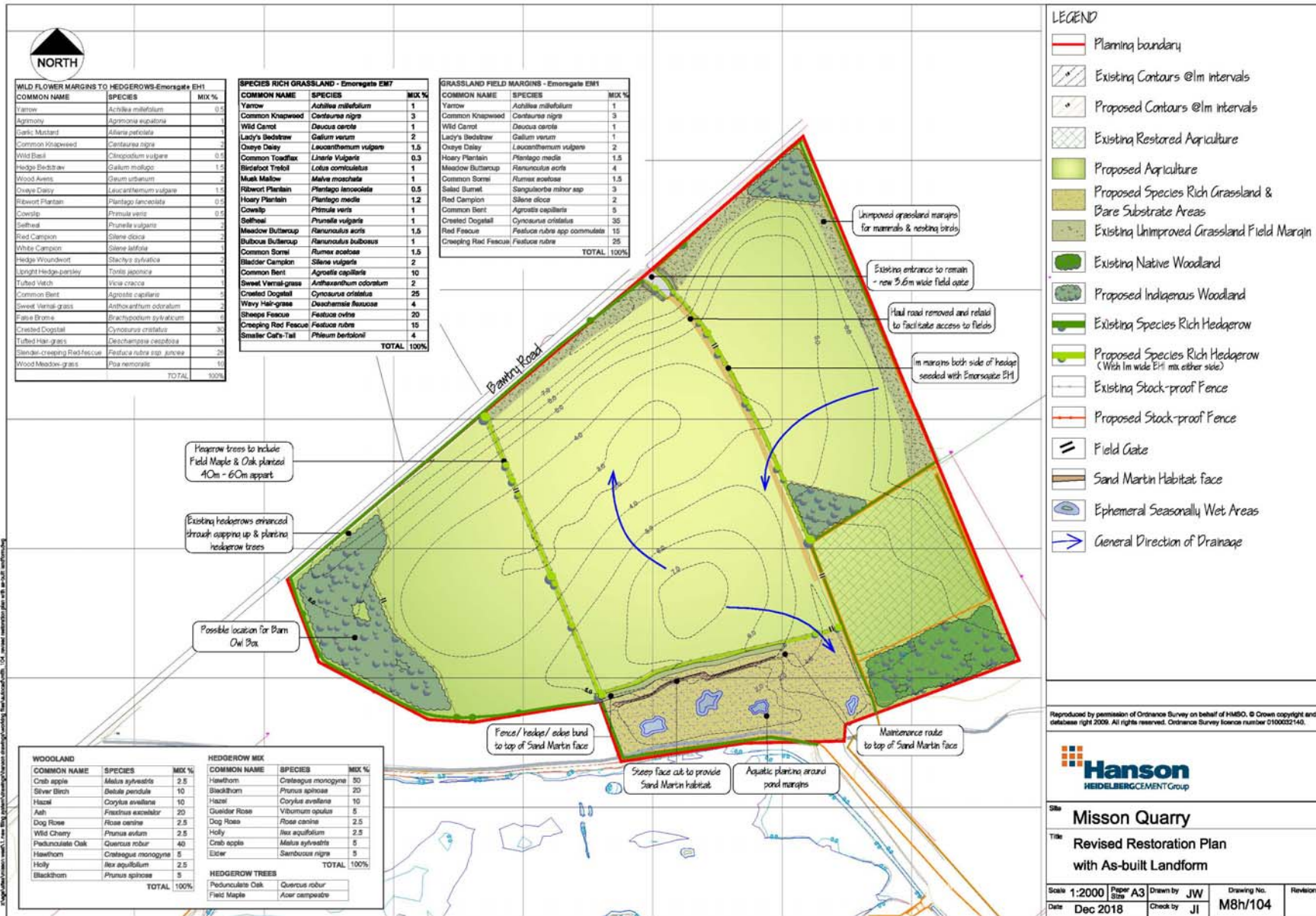
## Site Biodiversity Action Plan



### Site Information - Newington-North

<b>Site Name and Location</b>	Misson Quarry, North Nottinghamshire Grid Ref – SK 680 942
<b>Hanson Company</b>	Hanson Aggregates - North
<b>BAP(s) that will be targeted</b>	UK BAP Nottinghamshire LBAP
<b>Habitat(s) to be developed</b>	Priority: Broadleaf woodland Other: Hedgerows with wildflower margins, unimproved grassland field margins, species rich grassland, bare substrate areas and small ephemeral pools.
<b>BAP species to be encouraged</b>	<i>Birds:</i> sand martin, barn owl <i>Invertebrates</i>
<b>Designated Natural Area</b>	Humberhead Levels
<b>Background and site description</b>	The former Misson Quarry is situated approximately 1km southwest of the town of Mission in Nottinghamshire. Restoration of the site was completed in 2018 and entered a 5 year aftercare period in January 2019. Restoration was mostly to agriculture with blocks of woodland and there is a nature conservation area in the southern part of the site. Field 1 and Woodland 1 (in the south eastern corner of the site) which were restored several years ago are now out of aftercare and are no longer owned or managed by Hanson.
<b>National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m</b>	None
<b>Resource Requirements-comment on cost if appropriate</b>	Restoration budget.
<b>Contribution to biodiversity</b>	The majority of the site has been 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 has been created between the fields and the nature conservation area.
<b>Partners and Local initiatives</b>	Nottinghamshire Wildlife Trust
<b>Other documents supporting the site BAP</b>	Restoration Plan M8h/104 Misson Quarry Aftercare Strategy (Rev A) May 2010

# Site Layout



## Action Plan

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	Aftercare maintenance of broadleaf woodland	<ul style="list-style-type: none"> <li>Broadleaf Woodland</li> </ul>	<p>Establish 3 separate blocks of woodland planting totalling around 1ha</p> <p>A further 0.45ha of woodland previously established is now out of aftercare.</p>	<ol style="list-style-type: none"> <li>1. Replace any failed woodland planting</li> <li>2. Ongoing maintenance</li> </ol>	Successful establishment of woodland	Landscape Architect	2019-2024
2	Aftercare maintenance of hedgerows with wildflower margins	<ul style="list-style-type: none"> <li>Hedgerows</li> <li>Wildflower margins</li> </ul>	<p>Gap-up existing hedgerows.</p> <p>Establish 0.75km hedgerows with wildflower margins.</p>	<ol style="list-style-type: none"> <li>1. Gap-up existing hedgerows</li> <li>2. Replace any failed sections of hedgerow</li> <li>3. Sow wildflower seed</li> <li>4. Ongoing maintenance</li> </ol>	Lengths of hedgerow planted and species colonising.	Landscape Architect	2019-2024
3	Maintenance of species rich grassland	<ul style="list-style-type: none"> <li>Species rich grassland</li> </ul>	Establish 1.2ha of species rich grassland mosaic.	<ol style="list-style-type: none"> <li>1. Annually cut and remove arisings</li> </ol>	Areas created and species colonising.	Landscape Architect	2019-2024
4	Creation of bare substrate areas and small ephemeral pools	<ul style="list-style-type: none"> <li>Bare substrate areas</li> <li>Ephemeral pools</li> </ul>	Maintain bare areas as part of a mosaic habitat with species rich grassland and ephemeral pools.	<ol style="list-style-type: none"> <li>1. Maintain bare areas through control of vegetation</li> <li>2. Plant vegetation as necessary around ponds</li> <li>3. Divert ditch to ponds</li> </ol>	Areas created and species colonising.	Landscape Architect	2019-2024
5	Maintenance of sand martin face/invertebrate bank	<ul style="list-style-type: none"> <li>South facing sand face</li> </ul>	Maintain a permanent sand martin face and invertebrate	<ol style="list-style-type: none"> <li>1. Stabilise bank as necessary</li> <li>2. Maintain free from vegetation</li> </ol>	Use by sand martin. Invertebrate counts	Landscape Architect Ecologist	2019-2024