

Penmaenmawr Quarry Site Biodiversity Action Plan



Prepared: December 2012

Updated: December 2013

Site Information- Penmaenmawr

Site Name and Location	The quarry is located on the mountain between the towns of Penmaenmawr to the east and Llanfairfechan to the west. Grid ref: SH 705 755
Hanson Company	Hanson Aggregates - North
BAP(s) that will be targeted	UK BAP Natur Gwynedd LBAP
Habitat(s) to be developed	Upland oakwoods Upland heathland Maritime cliffs and slopes
BAP species to be encouraged	Chough Adder Ring ouzel Newts
Designated Natural Area	None
Background and site description	There is a very long history of quarrying at Penmaenmawr. The mineral extraction area is located on top of the mountain, with offices at the base. There are variously aged woodland habitats on the lower sections of the site, whilst towards the top of the mountain there is heathland and acid grassland. Many of the older workings and tips have naturally re-vegetated and provide the locus for a distinct flora. Areas of scrub provide additional habitat. The quarry currently has permission to 2042 and restoration of any scale is several years away. However, restoration of tips takes place at intervals.
National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m	Traeth Iafan SSSI Liverpool Bay SPA Y Fenai a Bay Conwy SPA, SAC, European Marine Site
Resource Requirements	Restoration budget.
Contribution to biodiversity	A number of BAP species to be targeted and habitats managed accordingly.
Partners and Local initiatives	RSPB North Wales Wildlife Trust
Other documents supporting the site BAP	5 yearly quarry development and restoration plans

Site Layout



Action Plan

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	Ensure that broadleaved woodland is maintained.	<ul style="list-style-type: none"> Upland oak woodland 	Identify replacement planting or fencing if necessary on an annual basis.	1. Annual maintenance	Ha maintained. Details in 5 yearly plan and report.	Landscape Architect	Ongoing Reports every 5 years from 2014
2	Maintain mosaic habitat with upland grassland to maximise potential for reptiles and invertebrates	<ul style="list-style-type: none"> Mosaic habitat of scrub and grassland 	To maintain the current proportions in areas of mosaic habitat.	1. Periodic walkover and reduction in scrub as required.	Ha maintained. Details in 5 yearly plan and report.	Site Manager Landscape Architect	Ongoing Reports every 5 years from 2014
3	Identify wetland habitats on site with view to maintaining current interests	<ul style="list-style-type: none"> Wetlands and ponds 	To identify and map wetland habitats.	1. Provide specification for management.	Continued diversity of flora and invertebrate fauna in ponds	Landscape Architect/ Ecologist	2014
4	Habitat maintenance and enhancement for choughs	<ul style="list-style-type: none"> Choughs 	<p>To provide suitable foraging habitat and at least maintain current numbers around quarry.</p> <p>To continue to provide suitable nesting sites</p>	<p>1. Maintain areas of grassland short (<5cm) through grazing.</p> <p>2. Maintain contact with RSPB</p> <p>3. Identify suitable areas away from current working</p>	<p>Height of grass sward</p> <p>Contact with RSPB</p> <p>Continued presence of</p>	Site Manager	Ongoing

				and keep disturbance in these areas to a minimum	nesting choughs		
5	Habitat maintenance for ring ouzel	<ul style="list-style-type: none"> Ring ouzel 	To at maintain current numbers around quarry	1. Identify areas of suitable habitat and introduce appropriate management regime.	Continued use of the area by the species	Site Manager	Ongoing
6	To prevent poisoning of raptors	<ul style="list-style-type: none"> Raptors 	To reduce incidence of poisoning	1. Report any illegal activity to the local wildlife crime officer	Continued use of the area by the species	Site manager	Ongoing
7	Involvement of Local Group	<ul style="list-style-type: none"> Overall biodiversity 	To involve local wildlife group in suitable areas of the quarry	1. To make contact with North Wales Wildlife Trust	Contact with representative of NWWT.	Site Manager	2014