

Coldstones Quarry

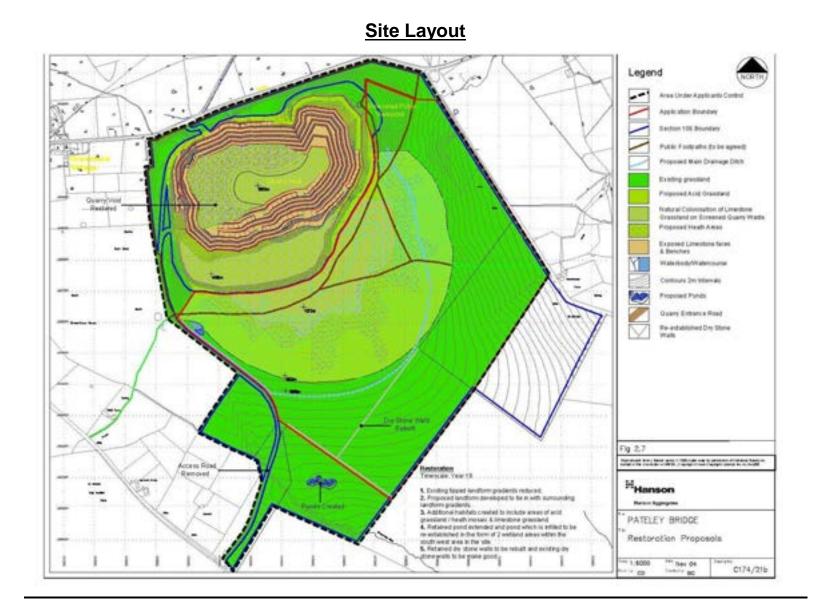
Site Biodiversity Action Plan



Prepared: 2006 Updated: December 2013

Site Information- Coldstones, Pateley Bridge

Olta Nama and	Osldstanse Overmy Detaley Dridge, North Verderbing				
Site Name and	Coldstones Quarry, Pateley Bridge, North Yorkshire.				
Location	Located 2km to the west of Pateley Bridge, North Yorkshire,				
	on the edge of the North Pennine Moors.				
Hanson Compony	Grid Ref – SE125640				
Hanson Company	Hanson Aggregates - North				
BAP(s) that will be					
targeted	Harrogate LBAP				
Habitat(s) to be	Heather moorland				
developed	Ponds				
BAP species to be	Peregrine*, Hen Harrier*, Grey Partridge, Skylark (also Red				
encouraged	Grouse, Golden Plover*, Curlew*, Lapwing, Redshank and				
	Snipe)				
	Great Crested Newt				
Decimente d Neter d	*species for which adjacent North Pennines SPA is designated.				
Designated Natural	Yorkshire Dales				
Area					
Background and	Coldstones quarry comprises an area of active quarry, a				
site description	screen mound currently being extended together with				
	unimproved sheep-grazed acid grassland/heath/rush				
	vegetation. There are four ponds, three recently constructed				
	and a number of dry stone walls and ephemeral ditches and				
	runnels. Current management aims include management of				
	all undisturbed ground within the site boundary and				
	management of the habitats to be restored on the extended				
	screen mound once the flanks are complete.				
National	The site is adjacent to the North Pennines Moors SPA and				
Designations (SSSI,	SAC and Greenhow Pasture SSSI and lies within				
SAC, SPAs,	Coldstones Grassland SINC.				
RAMSARs and NPs)					
within 500m					
Resource	Restoration budget				
Requirements					
Contribution to	Heather moorland conservation and management is both a				
biodiversity	national and local BAP target.				
	Upland breeding bird species are national and local BAP				
	targets.				
	The restoration will augment a SINC and will maintain a				
Denta ene en el Les el	significant wildlife resource in the area.				
Partners and Local	Pateley Bridge Quarry Landscape and Biodiversity				
initiatives	Enhancement Fund Management Group.				
Other documents	Coldstones Quarry Management Plan.				
supporting the site	Restoration Plan				
BAP					



Action Plan

ltem No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale (Completion)
1	To manage the existing habitats.	Upland grassland/heath/rush Ponds	Maintain 50ha of acid grassland/heath communities by appropriate grazing pressure Maximise heather reversion in the longer term Maintain four ponds	Repair and rebuild boundary stone walls Maintain lowered grazing pressure (1.5 sheep.ha ⁻¹) across site except Compartment 6 Control weed species Manage pond habitats to prevent succession Maintain tall sward height around ponds by no grazing in Compartment 6	Length of stone wall repaired (m) and rebuilt (m) Land area maintained by NVC type (ha). Land area cleared of weed species (ha). Annual report	Site Manager Landscape Architect Ecological consultant	Ongoing until 2059
2	Habitat management of new screening mound.	Upland grassland/heath/rush	Restore 14ha of upland grassland and maximise heather reversion in the longer term.	Re-establishment of acid grassland with no grazing for 2-3 years Maintain lowered grazing pressure (1.5 sheep.ha ⁻¹) post establishment phase Transfer and management of metalliferous grassland to an area along toe of extended screen mound	Land area maintained by NVC type (ha). Land area cleared of weed species (ha). Annual report Vegetation survey by quadrat of metalliferous vegetation	Site Manager Landscape Architect	Ongoing until 2059 Veg survey Completed
3	Habitat restoration and aftercare of the quarry	Calcareous grassland	Create calcareous grassland in quarry floor and benches.	Restore >1ha of calcareous grassland and 20ha bench vegetation	Areas completed Annual report	Landscape Architect	2033 to 2059
4	Species conservation	Breeding snipe, redshank, curlew,	Maintain bird breeding populations.	Protect existing known nests/habitats and limit	Detailed species monitoring for 5	Site Manager	Complete

	and management	lapwing and skylark (and in longer term golden plover and red grouse) Foraging hen harrier and grey partridge. Wintering golden plover and lapwing		disturbance on site by making site staff aware of habitat areas.	years post screening mound creation.	Landscape Architect Ecological consultant	
		Great crested newt Chickweed wintergreen	Maintain >100 GCN pop. Maintain presence of other amphibian species. Minimise disturbance to existing populations.	Transfer of great crested newts and other amphibians to new ponds. Monitor protected species every year until 2011. Transfer of chickweed	Site Manager and Landscape architect to inform site staff and contractors working close to habitat areas.		
		Other notable flora - Moonwort, mountain pansy and spring sandwort moved with metalliferous habitat.		wintergreen Monitor all target species for next 5 years (2007-2011)			
5	Habitat and species monitoring	Breeding and wintering bird populations Rare and notable plant population	Ensure target species are monitored and appropriate response agreed Monitoring data on bird and rare plant species collected by staff, external volunteers or consultant ecologists.	Annual monitoring	Annual reports	Ecological consultants	Ongoing until 2059
6	Communications and publicity	Produce communications materials that explain importance of Pateley Bridge biodiversity Maintain educational and local interest group visits	Produce a BAP leaflet All local schools regard and use site as educational resource	Draft leaflet to highlight habitat, species and the conservation work to support them. Maintain open days or school days/year which typically is around 40 per year	Outputs distributed to stakeholders and displayed on site No of students visiting site	Landscape Architect	Leaflet completed School visits on going