

Moneystone Quarry

Drawing Title: Restoration Plan

Drawn By: LB

Date: December 2013

Checked By: JJ

Scale: NTS



Legend

- Mosaic of bare open ground, heath and acid grassland (sandstone substrate)
- Emerging wet grassland habitat
- Area to be left for natural re-colonisation (2006 onwards)
- Waterbody
- Area strewn with green hay in 2006
- Marginal aquatic planting
- Scrub/wetland
- Hydra seeded slopes (already undertaken)
- Removal of birch and scrub generation
- Open grassland
- Broadleaved woodland planting
- Existing woodland/scrub planting
- Recent woodland planting
- Proposed path (subject to creation order)
- Existing rights of way
- Production area - now restored to grassland
- Watercourse
- Site Boundary
- Land under ownership of Sibelco

Introduce grazing when vegetation established and ground conditions are suitable

Further hydra seeding to enhance this area

Areas to be managed as existing (not subject to restoration)

Repeat hay straw/seed spread. Scarify and re-seed where required

Areas to be managed as existing (not subject to restoration)

Areas to be managed as existing (not subject to restoration)

Electrical substation and infrastructure to be retained

High value habitat to be retained as existing

Hay straw/seeding from suitable wet grassland donor sites

Areas to be managed as existing (not subject to restoration)

Production area now restored to grassland

Quarry 1

1. Removal of self seed birch. Future management by grazing.
2. Additional areas for green hay strewing
3. Existing birch and willow planting to be supplemented with broadleaved planting. Produce planting scheme.
4. Grassland to be managed by grazing following establishment (5 years post establishment management/monitoring)

Quarry 2

5. Establishment of naturally fed wetland feature (seasonal Pond).
6. Grassland areas for future grazing.
7. Mosaic of bare ground, heath and acid grassland areas created for invertebrate interest.
8. Thinning of existing vegetation by approximately 30%.
9. Birch and willow scrub to be removed.
10. Open ditch to be sympathetically designed to provide a sinuous route.
11. Thinning of pine and birch to allow heather regeneration.
12. Birch and pine to be removed to expose areas of established heathland.

Quarry 3

13. Bare open faces to be created for sand martins and invertebrate interest where appropriate (safety considerations and final resting water level will dictate where and how many).

General

Botanical survey to be carried out on vegetation during the first growing season following establishment. Future management by grazing. Works to be carried out outside of breeding bird season.