

BEFORE AND AFTER EXAMPLE PICTURES OF MIRE RESTORATION SITES

Example 1. BROADMEAD

BEFORE restoration – summer 2006



In the ditch before restoration

The ditch was fenced, over 3m deep, eroding and cracking, drying out the peat with large chunks dropping of the side in to the ditch. The restoration contractor put in 16 wooden blocks, backed up with peat sourced from borrow pits. The ditch was filled with locally cut moorland bales and these were covered over with ditch spoil from the bank on the side of the ditch.



Ditch after restoration



POST Restoration summer 2010

The ditch, fence and scrub encroachment are now gone (all removed by the contractor).

Replaced by some new pools in the small peat borrow pits along the line of the ditch (being enjoyed by an educational group from Pinkery outdoor centre)



Example 2. ROOSTHITCHEN MIRE RESTORATION SITE- eroding gully



BEFORE

Ditch before blocking (left), the site was eroding back from the spring head with lots mobile peat and shillet in the gully bottom

DURING

The restoration works (below) wooden blocks were built and backfilled with peat, bales were then put into the ditch and finally the whole lot covered over with ditch spoil to complete the job



AFTER

View of filled in ditch in August 2010 (left). The small areas of bare peat visible are the partially vegetated peat borrow pits, from which peat was derived to seal the wooden dams

View of the vegetation monitoring transect in 2006 (bottom left) and 2010 (bottom right). Note and compare the position of the tape which was relocated to the exact spot marked by wooded pegs - **The ditch is completely gone!**



Before - bare eroding peat in ditch



After- no evidence of ditch remains

Example 3 Roosthitchen boundary ditch



- i. Boundary Ditch Aug 2008
- ii. Boundary ditch immediately after restoration works

Example 4 - Wooden dams at Blackpitts installed March 2007



Before (construction materials at the ready)



Immediately after construction of a new block



August 2010 –block hardly visible

Example 5. New peat Dams at Blackpitts



Dry peat cuttings in Summer 2006 and 1 year after blocking with peat (photo 2008)

Example 6. Blocking the main drainage ditch at Blackpitts



Just before the ditch was blocked in March 2006 and 1 year later

Example 7. Bank re-profiling work at Blackpitts



Main drain before blocking- summer 2006, After blocking (March 07) in summer 2007 and after bank re-profiling in August 2007

Example 7. The use of Moorland Bales for ditch blocking at Blackpitts



Cutting and baling moor grass



Moorland bales and peat dams



Using bales to block gullies



Fence across gully to hold bales



Bales being put in place



Bale block - 1 year later