

Scout Moor 2 Wind Farm



Figure 9-8
Peatland Restoration Proposals

Key

Eastern area

Failing, bunding and plug planting (18.4ha). Proposed for Molinia (Purple Moor Grass) sward, where water retention is poor, fire risk is higher (due to dry grasses) and carbon sequestration has stalled. Failing, possibly accompanied by wind rowing will be followed by Sphagnum plug planting, and, in areas topographically suited to holding water, shallow trench bunding may be employed to retain surface water and enhance conditions for Sphagnum. Rochdale district 0.4ha, Rossendale District 18ha.

Drain blocking (22.2ha). Proposed for areas of peatland subject to moor drains. Drains will be blocked using standard techniques to slow water flows, increase ground wetness and encourage priority peatland habitats. Rochdale district 0ha, Rossendale District 22.2ha.

Western area

Gully reprofiling buffers (43.3ha). Proposed for naturally occurring gullies which are dissecting the western peatland plateau (see inset of former bog extent from an 1852 map of the site). Gully sidewalls will be reprofiled where steep, bare or both in order to reduce oxidative carbon losses from bare peat and reduce focus of water flow into eroding gullies in the lower slopes outside the peatland. Rochdale district 9.9ha, Rossendale District 33.4ha.

Patch repair (0.7ha). Proposed for localised bare areas where peat has been almost entirely lost through erosion or management. Peat excavated from proposed wind farm infrastructure will be translocated to these locations and used to reinstate peat at these locations. Rochdale district 0.2ha, Rossendale District 0.5ha.

Bog recreation (2.7ha). Proposed for former peatland lost to quarrying in the western peatland plateau. Recreation of a large peat deposit in a single location is likely to achieve a better outcome than small deposits scattered across the moor. The principal bog creation area will reconnect a stranded peatland deposit to the wider bog, while a smaller area adjacent to T18 will extend the peatland back towards its former margin. Rochdale district 0ha, Rossendale District 2.7ha.

Plug planting and spot turving (29.3ha). Proposed for areas where vegetation cover has been compromised and locally bare patches are present, the planting of Sphagnum plugs will help reinstate bog forming communities in the west of the site. Where areas of bare peat are too large to be effectively treated with plugs, spot turving (translocation of vegetation) will be used. Rochdale district 6.4ha, Rossendale District 22.9ha.

atmos
CONSULTING

0 0.25 0.5 1

Kilometres



Scale @ A3:
1:20,000



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20/05/2026 TL02f 8706/HY/055c
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Management proposals for peatland in association with the Scout Moor II Wind Farm combine well-established techniques being used across the UK to restore bogs (gully reprofiling, drain blocking) with innovative techniques trialled in northern England by Moors For The Future. Proposals have been developed assuming that limited fencing will support stock exclusion to enable patch repair and spot turving in the west. Proposals shown total 116.7 ha.

