

Site Improvement Plan

Holme Moor & Clean Moor

Site Improvement Plans (SIPs) have been developed for each Natura 2000 site in England as part of the Improvement Programme for England's Natura 2000 sites (IPENS). Natura 2000 sites is the combined term for sites designated as Special Areas of Conservation (SAC) and Special Protected Areas (SPA). This work has been financially supported by LIFE, a financial instrument of the European Community.

The plan provides a high level overview of the issues (both current and predicted) affecting the condition of the Natura 2000 features on the site(s) and outlines the priority measures required to improve the condition of the features. It does not cover issues where remedial actions are already in place or ongoing management activities which are required for maintenance.

The SIP consists of three parts: a Summary table, which sets out the priority Issues and Measures; a detailed Actions table, which sets out who needs to do what, when and how much it is estimated to cost; and a set of tables containing contextual information and links.

Once this current programme ends, it is anticipated that Natural England and others, working with landowners and managers, will all play a role in delivering the priority measures to improve the condition of the features on these sites.

The SIPs are based on Natural England's current evidence and knowledge. The SIPs are not legal documents, they are live documents that will be updated to reflect changes in our evidence/knowledge and as actions get underway. The information in the SIPs will be used to update England's contribution to the UK's Prioritised Action Framework (PAF).

The SIPs are not formal consultation documents, but if you have any comments about the SIP or would like more information please email us at IPENSLIFEProject@naturalengland.org.uk, or contact Natural England's Responsible Officer for the site via our enquiry service 0300 060 3900, or enquiries@naturalengland.org.uk

This Site Improvement Plan covers the following Natura 2000 site(s)

UK0012883 Holme Moor & Clean Moor SAC

Site description

Holme Moor and Clean Moor SAC is important as alkaline/calcareous fen, with *Cladium mariscus* and species of the *Cariciondavallianae*, and is highly species rich, with transitions from *Cladium* fen to mire with Black bog-rush and Blunt-flowered rush.

It consists of fen, marsh and swamp habitats associated with high water tables fed by base rich, nutrient poor ground water, and has *Molinia* meadows on calcareous, peaty or clayey-silt-laden soils. Clean Moor supports the only Black bog-rush - Blunt-flowered rush calcareous flush community in Somerset, and Holme Moor supports a rare swamp community dominated by Great fen-sedge. Both sites are the only Somerset sites for Broad-leaved cotton grass.

Plan Summary

This table shows the prioritised issues for the site(s), the features they affect, the proposed measures to address the issues and the delivery bodies whose involvement is required to deliver the measures. The list of delivery bodies will include those who have agreed to the actions as well as those where discussions over their role in delivering the actions is on-going.

Priority & Issue	Pressure or Threat	Feature(s) affected	Measure	Delivery Bodies
1 Change in land management	Threat	H6410 Purple moor-grass meadows, H7210 Calcium-rich fen dominated by great fen sedge (saw sedge), H7230 Calcium-rich springwater-fed fens	Volunteers needed to monitor and cut as agreed with landowner	Volunteers
2 Water Pollution	Pressure/Threat	H6410 Purple moor-grass meadows, H7210 Calcium-rich fen dominated by great fen sedge (saw sedge), H7230 Calcium-rich springwater-fed fens	Specialist needed to carry out inspection	Environment Agency, Natural England
3 Air Pollution: impact of atmospheric nitrogen deposition	Pressure	H6410 Purple moor-grass meadows, H7210 Calcium-rich fen dominated by great fen sedge (saw sedge), H7230 Calcium-rich springwater-fed fens	Control, reduce and ameliorate atmospheric nitrogen impacts	Not yet determined

Issues and Actions

This table outlines the prioritised issues that are currently impacting or threatening the condition of the features, and the outstanding actions required to address them. It also shows, where possible, the estimated cost of the action and the delivery bodies whose involvement will be required to implement the action. Lead delivery bodies will be responsible for coordinating the implementation of the action, but not necessarily funding it. Delivery partners will need to support the lead delivery body in implementing the action. In the process of developing the SIPs Natural England has approached the delivery bodies to seek agreement on the actions and their roles in delivering them, although in some cases these discussions have not yet been concluded. Other interested parties, including landowners and managers, will be involved as the detailed actions are agreed and delivered. Funding options are indicated as potential (but not necessarily agreed or secured) sources to fund the actions.

1 Change in land management

There is a history of lack of cutting and grazing, resulting in a build-up of thatch and scrub.

Action	Action description	Cost estimate	Timescale	Mechanism	Funding option	Delivery lead body	Delivery partner(s)
1A	Monitor the cutting and removal of reed and scrub (to be carried out by a volunteer conservation group, as agreed with landowner) to ensure it is done.	£200 per year	2014 and annually thereafter	Existing Local Project	Not yet determined	Volunteers	n/a

2 Water Pollution

Suspected drainage from surrounding arable.

Action	Action description	Cost estimate	Timescale	Mechanism	Funding option	Delivery lead body	Delivery partner(s)
2A	Undertake hydrological investigation involving a eco-hydrological characterisation of the SAC wetlands with particular attention given to determining if the surrounding arable land use is affecting the water quality and hydrology of the site via possible drainage pathways.	£8,000	2014	Investigation / Research / Monitoring	Other	Natural England	Environment Agency

3 Air Pollution: impact of atmospheric nitrogen deposition

Nitrogen deposition exceeds site relevant critical loads.

Action	Action description	Cost estimate	Timescale	Mechanism	Funding option	Delivery lead body	Delivery partner(s)
3A	Control, reduce and ameliorate atmospheric nitrogen impacts.	Not yet determined	2014	Site Nitrogen Action Plan	Not yet determined	Not yet determined	Not yet determined

Site details

The tables in this section contain site-relevant contextual information and links

Qualifying features

#UK Special responsibility

Holme Moor & Clean Moor SAC

H6410 Molinia meadows on calcareous, peaty or clayey-silt-laden soils (*Molinion caeruleae*)

H7210# Calcareous fens with *Cladium mariscus* and species of the *Caricion davallianae*

H7230 Alkaline fens

Site location and links

Holme Moor & Clean Moor SAC

Area (ha) **7.58**

Grid reference **ST094260**

[Map link](#)

Local Authorities

Somerset

Site Conservation Objectives

[European Site Conservation Objectives for Holme Moor & Clean Moor SAC](#)

European Marine Site conservation advice

[n/a](#)

Regulation 33/35 Package

[n/a](#)

Marine Management Organisation site plan

[n/a](#)

Water Framework Directive (WFD)

The Water Framework Directive (WFD) provides the main framework for managing the water environment throughout Europe. Under the WFD a management plan must be developed for each river basin district. The River Basin Management Plans (RBMP) include a summary of the measures needed for water dependent Natura 2000 sites to meet their conservation objectives. For the second round of RBMPs, SIPs are being used to capture the priorities and new measures required for water dependent habitats on Natura 2000 sites. SIP actions for non-water dependent sites/habitats do not form part of the RBMPs and associated consultation.

Holme Moor & Clean Moor SAC

<i>River basin</i>	South West RBMP
<i>WFD Management catchment</i>	South & West Somerset
<i>WFD Waterbody ID (Cycle 2 draft)</i>	n/a

Overlapping or adjacent protected sites

Site(s) of Special Scientific Interest (SSSI)

Holme Moor & Clean Moor SAC	Holme Moor & Clean Moor SSSI
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National Nature Reserve (NNR)

Holme Moor & Clean Moor SAC	n/a
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Ramsar

Holme Moor & Clean Moor SAC	n/a
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Special Areas of Conservation (SAC) and Special Protection Areas (SPA)

Holme Moor & Clean Moor SAC	n/a
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<i>Version</i>	<i>Date</i>	<i>Comment</i>
1.0	10/11/14	

www.naturalengland.org.uk/ipens2000

