

Site Improvement Plan

Naddle Forest

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)

UK0030335 Naddle Forest SAC

Site description

Naddle Forest covers two valleys on the eastern shore of Haweswater reservoir. The steeper slopes are cloaked by broadleaved woodland. These woodlands are varied, reflecting the variable geology with transitions to wet woodland, more base-rich woodlands and scrub. Above the main woodland stand, the habitats are dominated by open heathland, wet heath and small valley mire systems.

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 Deer	Threat	H4010 Wet heathland with cross-leaved heath, H4030 European dry heaths, H91A0 Western acidic oak woodland	Advise landowners and work with partners to secure appropriate cull levels	Natural England, RSPB, United Utilities Water Plc
2 Air Pollution: impact of atmospheric nitrogen deposition	Pressure	H4010 Wet heathland with cross-leaved heath, H4030 European dry heaths, H91A0 Western acidic oak woodland	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 Deer

Red deer numbers are high in the eastern Lake District and management of the herd is not fully effective. Deer browsing impacts all of the European habitats especially the woodland. Local control can reduce the impact but the broader issue is an unsustainably large herd. Roe deer also impact on the woodland but as this species is territorial, local control measures are more effective.

<i>Action</i>	<i>Action description</i>	<i>Cost estimate</i>	<i>Timescale</i>	<i>Mechanism</i>	<i>Funding option</i>	<i>Delivery lead body</i>	<i>Delivery partner(s)</i>
1A	Advise owners of land within the SAC and adjacent landowners about appropriate deer populations, required cull levels and impacts of deer on the SAC	Not yet determined	2015-30	Advice	Not yet determined	Natural England	n/a
<i>Action</i>	<i>Action description</i>	<i>Cost estimate</i>	<i>Timescale</i>	<i>Mechanism</i>	<i>Funding option</i>	<i>Delivery lead body</i>	<i>Delivery partner(s)</i>
1B	Establish a Partnership Agreement with United Utilities and the RSPB to change cull activity within their land	£12,000	2015-30	Partnership agreement	Not yet determined	Natural England	RSPB, United Utilities Water Plc
<i>Action</i>	<i>Action description</i>	<i>Cost estimate</i>	<i>Timescale</i>	<i>Mechanism</i>	<i>Funding option</i>	<i>Delivery lead body</i>	<i>Delivery partner(s)</i>
1C	Work with local deer management groups and the Deer Initiative to secure appropriate and effective regional scale deer management in this part of Cumbria	Not yet determined	2015-30	Partnership agreement	Not yet determined	Natural England	n/a

2 Air Pollution: impact of atmospheric nitrogen deposition

Data indicates that nitrogen deposition exceeds the site relevant critical loads for all three interest features.

<i>Action</i>	<i>Action description</i>	<i>Cost estimate</i>	<i>Timescale</i>	<i>Mechanism</i>	<i>Funding option</i>	<i>Delivery lead body</i>	<i>Delivery partner(s)</i>
2A	Control, reduce and ameliorate atmospheric nitrogen impacts	Not yet determined	2014-20	Site Nitrogen Action Plan	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

Naddle Forest SAC	H91A0 Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles
	H4030 European dry heaths
	H4010 Northern Atlantic wet heaths with <i>Erica tetralix</i>

Site location and links

Naddle Forest SAC

Area (ha)	360.89	Grid reference	NY494144	Map link
Local Authorities				Cumbria
Site Conservation Objectives				European Site Conservation Objectives for Naddle Forest 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.

Naddle Forest SAC

<i>River basin</i>	Solway Tweed	Solway Tweed RBMP
<i>WFD Management catchment</i>	Eden and Esk	
<i>WFD Waterbody ID (Cycle 2 draft)</i>	GB102076070720, GB30229073	

Overlapping or adjacent protected sites

Site(s) of Special Scientific Interest (SSSI)	
Naddle Forest SAC	Naddle Forest SSSI

National Nature Reserve (NNR)	
Naddle Forest SAC	n/a

Ramsar	
Naddle Forest SAC	n/a

Special Areas of Conservation (SAC) and Special Protection Areas (SPA)	
Naddle Forest SAC	n/a

<i>Version</i>	<i>Date</i>	<i>Comment</i>
1.0	06/10/2014	

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