



River Lugg Internal Drainage Board

Policy Statement on Flood Protection and Water Level Management

1 Introduction

Purpose

- 1.1 This policy statement has been prepared by the River Lugg Internal Drainage Board to provide a Public Statement of the Board's approach to its management of flood risk and water levels in its area. For the purpose of clarity the Board operates under the Land Drainage Act 1991¹ and manages adopted outfalls, pumping stations and watercourses to maintain water levels in its district to serve the community in general, whilst dealing with its obligations and commitments to the environment including Biodiversity.

Background

- 1.2 The Department of the Environment, Food and Rural Affairs (DEFRA) has policy responsibility for flood and coastal defence in England. However, delivery is the responsibility of a number of flood and coastal defence "operating authorities" which include the River Lugg Internal Drainage Board. The Board maintained infrastructure is shown in Paragraph 3.2 below.
- 1.3 The Government has published a policy aim and three objectives for flood and coastal defence². To ensure a more certain delivery of the aim and objectives by the individual operating authorities the Government has published a series of High Level Targets³. The first target requires each operating authority to publish a policy statement setting out their plans for delivering the Government policy aim and objectives in their area. This will include an assessment of the risk of flooding in their area and, what plans they have to reduce that risk.
- 1.4 This policy statement fulfils that requirement. We are providing a copy to DEFRA, Department of the Environment, Transport and Regions, the Environment Agency and local authorities in the District. Copies are also available from the Board's offices at River Lugg IDB, C/O CWLIDB, Pye Corner, Broadstreet Common, Nash, Newport, NP18 2BE.

2 How The Board Will Deliver The Government's Policy Aim and Objectives

- 2.1 The River Lugg Internal Drainage Board supports the Government's aim and objectives for flood and coastal defence. Our policy and approach will be consistent with them.

Policy Aim

To reduce the risk to people and the developed and natural environment from flooding and coastal erosion by encouraging the provision of technically, environmentally and economically sound and sustainable defence measures.

Section 3 below sets out our plans for reducing or managing the flood risk in the Board's District.

Objective (a)

To encourage the provision of adequate and cost effective flood warning systems.

The Board will assist the Environment Agency wherever possible in its provision of adequate and cost effective flood warning systems, integrating with the Agency in response to flood emergencies and participating as necessary in exercises to develop and test emergency response procedures.

Objective (b)

To encourage the provisions of adequate economically, technically and environmentally sound and sustainable flood defences.

- In meeting its obligation the Board will consider its activities within the wider natural and developed environment seeking to ensure the avoidance of any adverse impact. It will equally co-operate with other drainage authorities and organisations to ensure adverse impacts on the drainage District do not arise as a result of other activities.
- The Board will carry out its maintenance and improvement works in an efficient and cost effective way and where appropriate use best practice and will access appropriately qualified advice when necessary.
- To achieve this, the Board will encourage the provision of adequate, economically, technically and environmentally sound and sustainable flood protection and water level management measures and seek to control that development which could increase the risk of flooding.
- Within the drainage District potentially all the area is at some risk of flooding and the Board will seek to retain this risk at acceptable levels through appropriate improvements and the implementation of a sound maintenance strategy. It will also seek to ensure that the Environment Agency maintains at a satisfactory standard any flood defence which also afford protection to the District.

Objective (c)

To discourage inappropriate development in areas at risk from flooding.

The potential impact on flood risk through future development in the Drainage District, or in the wider catchment draining to the District, is fully recognised by the Board and it will take an active role in the assessment of structure planning, local plans and individual planning applications to ensure that flood risk is not increased. Where appropriate the Board will secure from developers, and other direct beneficiaries, contributions to cover the cost of both immediate and longer term work necessary in ensuring that any potential increase in flood risk is removed.

3. FLOOD RISK IN THE BOARD'S AREA

3.1 As mentioned in Section 2, the entire area is at some risk of flooding but that risk is substantially controlled. However varying standards of protection apply. The following are the key details of the District:

Catchment Area draining to and including the District	107 ,400 hectares
Total area of the district	11, 130 hectares
Area of agricultural land	9, 704 hectares
Other land including property, highways, etc.	1,426 hectares

Sites of Designated Environmental Interest

Wetland SSSI	297.65 hectares
Nature Reserve	0

3.2 Board Maintained Infrastructure

Other Water Level Control Structures	0
Watercourses	167.626 kilometres
Critical Watercourses	0
Raised Embankments	0

Passing through or adjacent to the District are the following assets maintained by the Environment Agency:

Main Rivers	155.03 kilometres
River Flood Defences	34.35 kilometres
Sea and Tidal Defences	0

3.3 Regulation of Activities

The Board will exercise as required its powers under the Land Drainage Act 1991 and its Bye Laws⁴ to ensure that activities in and alongside its drainage system do not reduce flood protection standards and unnecessarily increase flood risk.

3.4 Standard of Protection

Through the maintenance of the channel system the Board seeks to maintain a general standard capable of providing flood protection to agricultural land and developed areas of 1 in 10 and 1 in 50 years respectively. These likely return periods can not be taken literally and should be considered as a chance of some overflowing from the system taking place each year as being 10% and 2% respectively.

3.5 Management of Flood Risks

The Board monitor the condition of its pumping station and watercourses, particularly those designated as critical, overflowing of which could affect property. Consistent with the established need a routine maintenance programme is in place to ensure that the condition of the assets is commensurate with the standards of protection which are sought. Where standards are not at policy level, improvement works, where they can be demonstrated to meet with DEFRA criteria, will be considered and undertaken as appropriate and when resources will allow.

The Board welcomes from its agricultural ratepayers, special levy councils and members of the Public any comments on the condition of its system which could lead to any increased flood risk.

3.6 Publicity

The Board will seek to promote the need for works in its District and create a rational understanding among people who live and work in it as to what the flood risk is and the efforts made to control it. They will also seek to achieve directly and through local councils

a culture within which the watercourses are seen as vital to controlling flood risk, whilst providing an interesting aquatic habitat and dissuade abuse of them through dumping waste or obstructing flows in other ways. The Board will publish its proposed annual programme of capital and maintenance work and place on deposit at its officers, notices of its proposed annual programme of capital and maintenance works.

February/March

- a) Capital Works
- b) Maintenance Works Vegetation Control

4 Environmental Measures

4.1 The River Lugg Internal Drainage Board has nature conservation duties under the Land Drainage Act 1991, the Wildlife and Countryside Act 1981 and as a competent authority under the Conservation (Natural Habitats C) Regulation 1994 also the Countryside and Rights of Way Act 2000 - the Land Drainage Act 1994. The Board will fulfil these in a positive way.

Much of the Board's watercourse maintenance work involves vegetation control, and desilting is a vital and routine requirement. Whilst inevitably some short term impact will arise this management is not only essential for flood defence and land drainage but also to maintain the diverse aquatic habitat in the District. The Board maintain only a small proportion of the total watercourse length in the District, the significant majority being the responsibility of the riparian land owners.

When carrying out work, be it maintenance or improvement, and consistent with the need to maintain satisfactory flood protection standards, the Board will aim to:

- avoid any unnecessary or long term damage to agricultural interests and natural habitats;
- carry out the monitoring of any gains and losses of Biodiversity and report annually to the Environment Agency
- take appropriate opportunities to enhance habitats.

4.2 The Board will play its full role in sustaining the Water Level Management Plans prepared for SSSI's, in conjunction with English Nature and other interested parties and review the plans in accordance with DEFRA guidance.

5 Review of Policy Statement

The River Lugg Internal Drainage Board will review this policy statement within a period not extending beyond 5 years.

References

- 1 Land Drainage Act 1991 including amendments
- 2 Strategy for Flood and Coastal Defence in England and Wales. MAFF and Welsh Office, September 2001
- 3 High Level Targets for Flood and Coastal Defence Operating Authorities and Elaboration of the Environment Agency's Flood Defence Supervisory Duty, DEFRA November 1999.
- 4 A copy of the Board's Bye Laws are available from River Lugg IDB c/o CWLIDB, Pye Corner, Broadstreet Common, Nash, Newport, NP18 2BE