

Flood Risk Management and the Water Framework Directive

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Why the directive is relevant

What the flood risk issue is in England and
Wales

How flood risk management works now

What changes may be in future

European perspectives

WFD and Flood Risk Management

WFD aims to contribute to mitigating the effects of floods and droughts

‘Hydromorphology’ is a supporting element of good ecological status

Flood risk management can have an effect on plants, invertebrates, fish and water quality

It is a recognised valid ‘use’ of the water environment

What is at risk?

10% of population (ie 6 million).

Property worth over £200 billion.

12% of agricultural land worth £7 billion.

Internationally important wildlife sites.

Without defences damages would be £3 billion per annum.





Arup

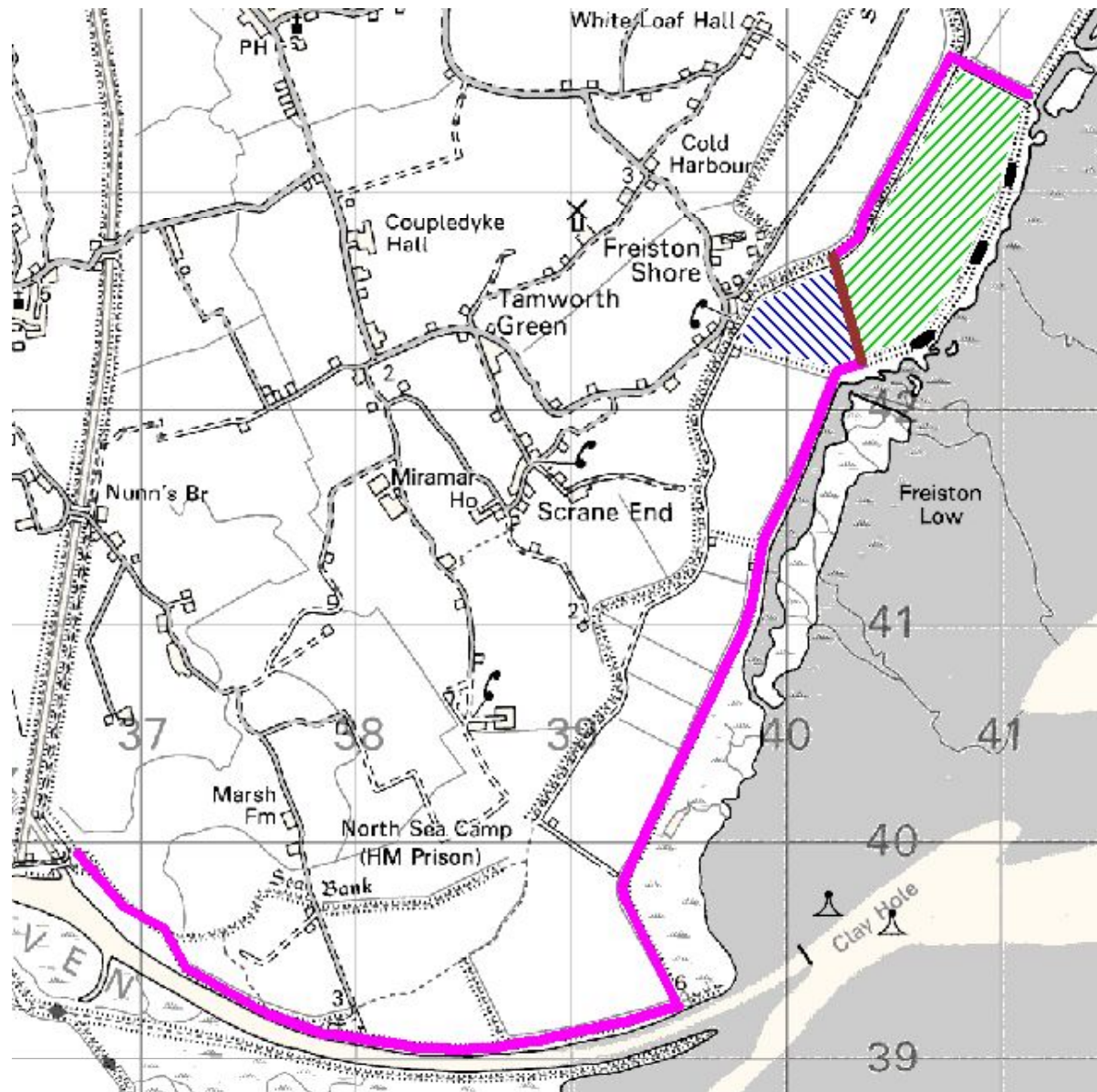


Strategic planning






CFMP guidance is WFD-proof

CFMP programme in time to fit into RBMPs
(statutory)

Techniques being used in strategies and
CFMPs are promoted to WFD team (MDSF,
appraisal methods etc)



ENVIRONMENT AGENCY

-  Recreated Saltmarsh
-  Borrow Area
-  New Embankment
-  Upgraded Embankment
-  Breach



Major schemes

Moving towards a multi-criteria appraisal approach

Likely tests for acceptability are similar to those in the Habitats and Birds Regulations
'Cost Effectiveness' and 'Disproportionately costly' are important tests

Priority to refine present guidance to bring in present understanding of WFD

Asset management

Maintenance activities - more where, rather than how

Should be revised in light of CFMPs and PAMs

WFD objectives may promote more active withdrawal of maintenance

Longer term may be fewer assets to maintain

Future changes



FORESIGHT
Future Flood
Executive Su
OFFICE OF SCIEN

www.defra.gov.uk

Making space for water

Developing a new Government strategy
and coastal erosion risk management in

A consultation exercise

July 2004

HM TREASURY

Office of the
Deputy Prime Minister

Department for
Transport

de
Department



www.environment-agency.gov.uk

Water for life and livelihoods

A strategy for River Basin Planning – a consultation

The Catchment Approach

- Pressure of funding, climate change, development
- Manage risks, not defend at all costs
- Fresh look at mechanisms to achieve this
- Longer term, more sustainable

European perspective

New work on hydromorphology proposed

Hydropower, navigation and flood risk
management

Comparison of work to date

Plans for future collaboration:

- policy

- technical