



## A clear solution for farmers

CATCHMENT SENSITIVE FARMING

### Priority Catchment Targeting Summary March 2011 – March 2014

**River Basin District: Humber**

**Catchment: River Mease**

**Total Area: 170 km<sup>2</sup>**

#### Reasons for designation

The River Mease is both a Site of Special Scientific Interest (SSSI) and a Special Area of Conservation (SAC) because it supports nationally significant populations of spined loach and bullhead. Phosphate has an adverse effect on the site and is a major reason for the site not being in favourable condition. Phosphate loading apportionment indicates that a significant proportion of the phosphate reaching the river comes from agriculture rather than sewage treatment works.

#### Priorities

SSSI/SAC – River Mease

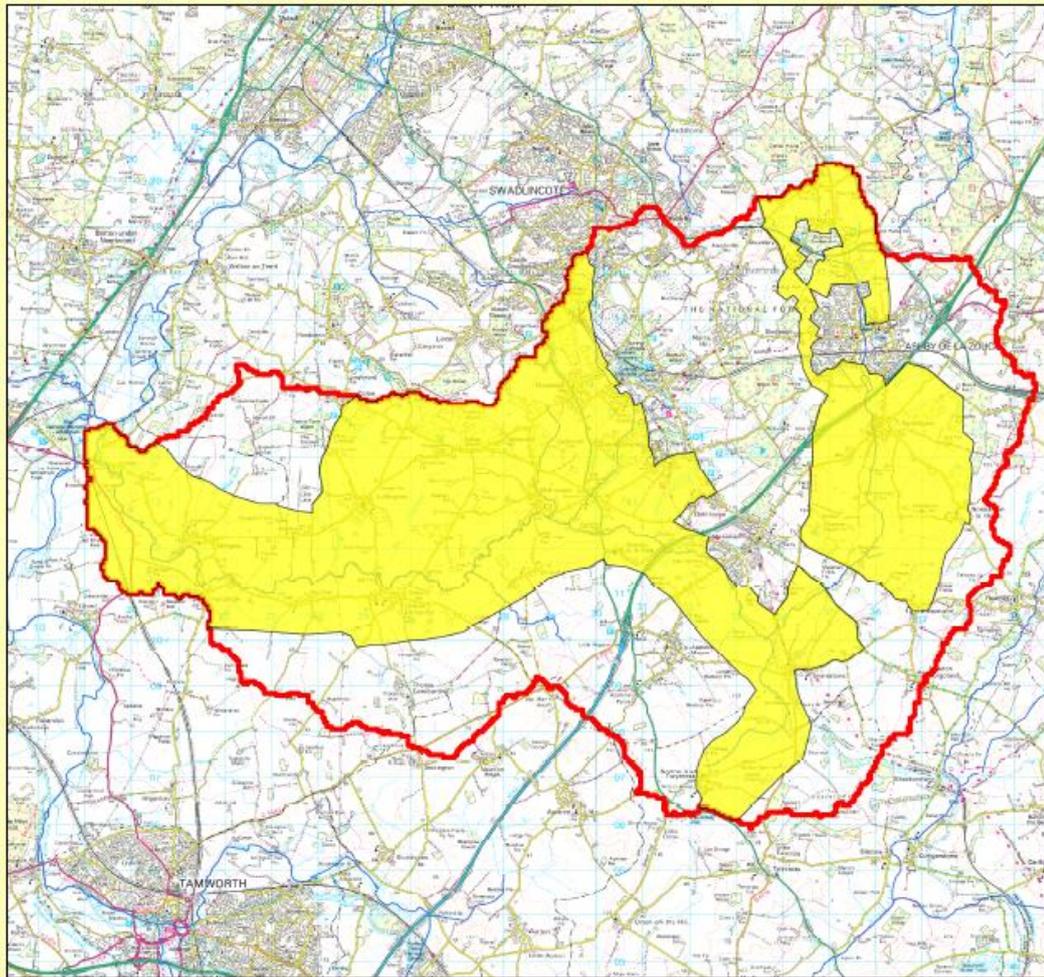
#### Objectives

- Reduce the loss of sediment, and associated soil-bound phosphate, to surface water.
- Reduce the loss of phosphate and other nutrients from livestock farming.
- Reduce the concentration of phosphate in the river to less than 0.06mg/l.

#### Delivery

- CSF training and advice will complement the work of other organisations who are focusing on non-agricultural sources of phosphate. These are collectively managed under a water quality action plan by the Environment Agency, Natural England and several other bodies, including Severn Trent Water and Local Authorities.
- A focus on Environmental Stewardship options, particularly along the SAC frontage and flood plain, will be implemented, aimed at reducing flood plain erosion.
- This will be complemented by CSF training, advice and grant scheme targeting to promote good riparian management. This will include a summer farm walk and training and advice based on soil and nutrient management.
- Events will be developed with other research and levy bodies.

# Targeting Map



### Mease Catchment

-  Mease Target Area
-  Mease Catchment
-  WFO River Waterbodies © EA

Scale (at A3): 1:76,514

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