



A clear solution for farmers

CATCHMENT SENSITIVE FARMING

Deben, Alde & Ore Priority Catchment Targeting Summary March 2011 – March 2014

River Basin District: Anglian Catchment: Deben, Alde-Ore Total Area: 726 Km²

Reasons for designation

The Deben, Alde & Ore catchment was designated as a CSF priority catchment in 2006 when the CSF initiative began. Water quality issues within the catchment include elevated nitrates and phosphates in surface waters, localised sedimentation problems and high nitrates in groundwater. More recently the Environment Agency has become aware of the need to take action to tackle the contamination of the shellfish waters from Faecal Indicator Organisms (FIO's) from diffuse sources.

Priorities

Shellfish Water – Butley and Alde-Ore Shellfisheries, contamination by FIOs, high confidence that the source is livestock and not human.

Drinking Water Protected Area (Surface) - Bucklesham Mill River, high nitrate and pesticide (bentazone and diuron) concentrations in water which is abstracted by Anglian Water for drinking.

Good Ecological Status – River Fynn, failing to meet good ecological status, high phosphorus concentrations and with high confidence that the source is diffuse agricultural pollution.

Objectives

- Reduce sources of FIO from livestock and manure use via a range of measures e.g. restricting livestock access to watercourses, reducing poaching and associated run-off and promoting best practice for manure storage and spreading.
- Reduce sources of nitrate leaching to groundwater and run-off to surface waters via a range of measures e.g. promoting best practices measures relating to manure and fertilizer use, promoting good soil management, and use of cover crops.
- Reduce sources of sediment and phosphate loss to surface waters via a range of measures, e.g. promoting regular soil & manure testing, ensuring phosphate applied in manure is taken into account when planning fertilizer applications and maintaining good soil structure.

Delivery

Butley and Alde-Ore Shellfish Water – Tailor made one to one farm visits and group events by a specialist adviser to identify sources of FIO's from the field and the farm yard and to provide the farmer with a range of practical options to reduce the sources.

Bucklesham Mill River – One to one farm visits and group events to promote best practice with regards nutrient management, soil and manure analysis and machinery calibration.

River Fynn – One to one farm visits and group events to encourage good soil management and best practice with regards nutrient management.

Remaining catchment area – A care and maintenance approach will be offered to farmers in the rest of the Deben, Alde-Ore meaning that farmers will be welcomed to group events and offered one to one farm visits where the need is identified by the CSFO and farmer.

Targeting Map

