



# A clear solution for farmers

CATCHMENT SENSITIVE FARMING

## Priority Catchment Targeting Summary March 2011 – March 2014

**River Basin District: North West    Catchment: River Duddon    Total Area: 292km<sup>2</sup>**

### Reasons for designation

The Duddon was designated as a CSF priority catchment during phase 3 of CSF, with delivery commencing in March 2012, to address actual and projected Bathing Water non-compliance under the revised Bathing Water directive (rBWD).

### Priorities

**Bathing Waters:** projected poor quality in 2012 and 2013 due to faecal indicator organisms (FIOs)

Bathing waters that failed the current standards for Faecal Indicator Organisms (FIOs) one year or more during 2010-2012: Walney Biggar Bank, Walney Sandy Gap, Walney West Shore,

In addition, Bathing Waters projected to fail the rBWD: Roan Head, Askam-in-Furness, Haverigg.

Where there is overlap with the above priorities, CSF will also help to address:

### **Waterbodies failing to achieve Good Ecological Status**

Salt House Pool and River Duddon WFD catchments are listed as “bad” and “poor” ecological status respectively. River Duddon is also listed as “poor” status for freshwater fish, but this is believed to be due to ammonia primarily from non-agricultural sources.

### Objectives

The main objective is to reduce faecal contamination of surface water, thereby reducing FIO counts in bathing waters. Some of the actions to address FIOs may also result in reductions of nutrients, sediment and agrochemicals entering local watercourses.

To determine a better understanding of the main routes of contamination, e.g. from farmyards, field inputs, stock entering watercourses, salt marsh grazing.

Improve awareness among farmers of the problems and how to avoid them, leading to secure appropriate changes in practice and improvements to infrastructure, e.g. better separation/containment of dirty water in farm yards especially where routes to surface water are apparent, adjustments to stocking, more careful slurry and manure spreading, establishment of buffer zones.

## Delivery

Main focus in target area to address FIOs

Work in partnership with organisations such as Environment Agency, South Cumbria Rivers Trust, United Utilities, National Trust and Natural England colleagues to further prioritise farms and secure positive engagement.

Engage with 48 farms by 31<sup>st</sup> March 2013 and 97 by 31<sup>st</sup> March 2014.

Delivery of specialist training and advice visits for suitable farms: primarily Whole Farm Appraisals, Manure and Nutrient Management Plans and Infrastructure Audits.

Raise general farmer awareness with introductory workshop and twice-yearly newsletter.

Encourage submission of good quality Capital Grants Scheme (CGS) applications where the best effects will be achieved.

Integrate with HLS and ELS where these schemes can contribute to objectives. Establish principles for doing so with local land management teams.

## Targeting Map

