



A clear solution for farmers

CATCHMENT SENSITIVE FARMING

Priority Catchment Targeting Summary March 2011 – March 2014

River Basin District: North West Catchment: Lower Lune Total Area: 274km²

Reasons for designation

The Lower Lune was designated as a Catchment Sensitive Farming (CSF) priority catchment during Phase 3 of CSF in 2011 in order to address actual and projected non compliance of bathing waters at Morecambe Bay and Heysham under the EU's new Revised Bathing Water Directive (rBWD) and failure of Shellfish Waters to achieve guideline standards in 2011

Priorities

Bathing Waters:	Heysham Half Moon Bay	Projected "poor" classification in 2015 under rBWD for total faecal coliforms.
	Morecambe Bay North	Projected "risky sufficient" classification in 2015 under rBWD for total faecal coliforms
	Morecambe Bay South	Projected "poor" classification in 2015 under rBWD for total faecal coliforms
Shellfish Waters:	Lune (Plover Scar) Lune (Broadfleet) Morecambe Bay East	These Shellfish Waters all failed to achieve the guideline standard for faecal coliform in flesh in 2011.

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

Waterbodies failing to achieve Good Ecological Status

Majority of the catchment is classified as moderate. A small number of stretches are classed as poor or bad and a small number of stretches are classed as good

No SSSIs identified as being affected by diffuse water pollution from agriculture (DWPA), therefore not a priority in the Lower Lune catchment.

Objectives

The primary aim in the catchment is to reduce FIO loading in the Lower Lune.

- Promote the improvement of farm yard infrastructure to improve clean and dirty water separation and risk of run-off to clean water drains and streams
- Encourage livestock practices which reduce the sediment and FIO input.
- Promote exclusion of livestock from watercourses
- Increase understanding of soil issues and management techniques to improve soil structure, and reduce run-off from the land surface.
- Increase awareness of DWPA, focusing on better manure/slurry management by:
 - Encouraging installation of adequate manure and slurry storage to prevent manure applications to fields during unsuitable times.
 - Promoting more efficient ways of applying manures to maximise nutrient uptake and reduce run-off.
 - Improving efficiency of manure/slurry applications to reduce run-off of manures into watercourse
 - Promoting better understanding of nutrient management planning to reduce manure run-off and improve the use of fertiliser and manure for increased nutrient use efficiency

Delivery

All livestock farms within the target area i.e. in the sub catchments affecting the bathing and shellfish waters of Morecambe Bay and Heysham will be offered manure management; nutrient, livestock and infrastructure planning services, as well as be encouraged to utilise the CSF capital grant scheme to improve farm infrastructure to reduce dirty water production. Fencing of watercourses for livestock exclusion will be heavily promoted with support from the Lune Rivers Trust. Livestock especially dairy and sheep farms within the Overton Dyke sub catchment will be offered joint support from CSF and the Environment Agency.

Targeting Map

