



A clear solution for farmers

CATCHMENT SENSITIVE FARMING

Priority Catchment Targeting Summary April 2007 – March 2015

Catchment: TEST ITCHEN	CSFO: SERENA LEADLAY	
Target Area: 49,446.95 ha	Total Area: 168,812.30 ha	Total N° of Farms: 724

Reasons for designation

The Test and Itchen became a priority catchment in 2006 as part of Phase 1. Various sub-catchments have rising nitrate trends in ground water, and other sub-catchments show surface water data with elevated levels of phosphate and sediment (with ammonia in Bow Lake) which could be attributed to the agricultural sector. The River Itchen is designated a Special Area for Conservation (SAC) and a Special Protection Area (SPA) for its internationally important wildlife. The River Test is designated a Site of Special Scientific Interest (SSSI) in recognition of the habitat the main river corridor provides. The catchment overlaps with two National Parks: New Forest and The South Downs.

Priorities

Safeguard Zone (Groundwater) due to nitrate – Twyford and Overton
Safeguard Zone (Groundwater) due Cryptosporidium - Otterbourne
Drinking Water Protected Area - Faberstown
SSSI failing due to sediment/phosphate – River Test Units (84-91) four units Unfavourable Declining and three units Unfavourable No change. River Itchen (103-108) six units Unfavourable No Change.
Eling & Bury Marshes coastal SSSI
SFW Solent
Good Ecological Status – 2 poor, 6 moderate Water Bodies

Objectives

To prevent nitrate and pesticides leaching to ground water by providing training and promoting best practice to enable farmers to reduce sources of nitrate with appropriate nutrient planning, manure/fertilizer application and improve clean and dirty water separation within yards. Reduction in Faecal Indicator Organism (FIO) contamination of protected shellfish waters.

To reduce sources of sediment and phosphate to surface waters by promoting good soil management and best practice to help implement measures to prevent soil erosion, compaction and run-off.

Where appropriate liaise with Land Management advisers to ensure the use of resource protection options in Stewardship agreements

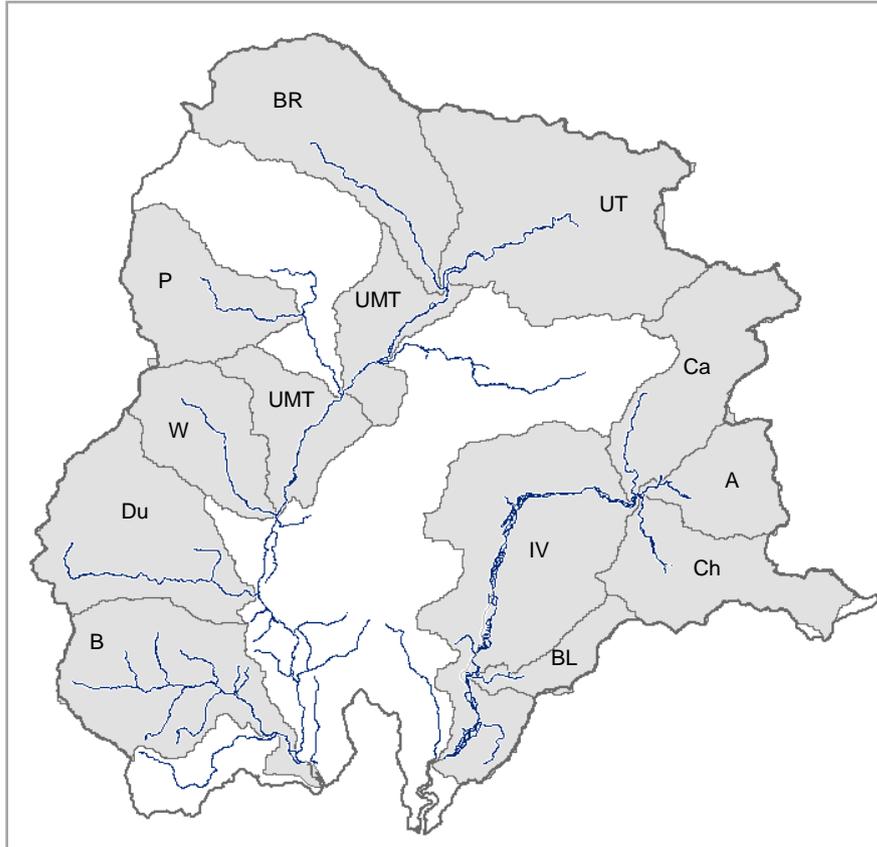
Delivery

Over the 12 sub-catchments (see map overleaf) a range of 1:1 range, group events and site visits will be offered including:

- Farm infrastructure farm walks.
- Bio-bed and pesticide handling demonstrations.
- PA4 Pellet applicator training.
- Soil husbandry events.
- 1:1 Farm infrastructure Audits.
- 1:1 Whole farm appraisals.
- 1:1 Soil husbandry training.
- 1:1 Nutrient management planning.
- Water management training

These services will be supported by targeted events and the annual Capital Grants Scheme and regular updates through Catchment and sub-catchment Newsletters. Both riparian owners and farmers sited in Source Protection Zones (SPZ) I and II will be targeted under Phase 3 of the project.

Current Sub-catchment Targeting Map



Key:

A	Arle	Itchen
B	Blackwater	Test
BL	Bow Lake	Itchen
BR	Bourne Rivulet	Test
Ca	Candovers	Itchen
Ch	Cheriton	Itchen

Du	Dun	Test
IV	Itchen Valley	Itchen
P	Pillhill Brook	Test
UMT	Upper Middle Test	Test
UT	Upper Test	Test
W	Wallop Brook	Test