



Hampshire Avon  
Demonstration Test Catchment

## Tackling diffuse pollution in the Hampshire Avon catchment

In the Hampshire Avon Demonstration Test Catchment (DTC) some of the sources of pollution identified and that are being addressed in the DTC Component 2: Measures Project include:

### Track resurfacing



- Farm tracks can be both conduits for, and sources of, pollution – they can provide preferential pathways for polluted yard runoff, be a source of sediment if subject to erosion by channelised flow and if used regularly by cattle can be a source of un-managed manure.
- Establishing stable surfaces suitable for their purpose (e.g. concrete for heavy vehicular access and cattle trafficking) along with complementary features such as swales and flow diverters can reduce the pollutant impacts of farm tracks

### Clean and dirty water separation



- Separating 'clean' and 'dirty' yard water can reduce the quantities of dirty water requiring storage and disposal
- Effective yard infrastructure (guttering and drainage) is required to separate yard runoff from roof-runoff
- Yard covering can reduce quantities of dirty water
- Yard management (e.g. regular scraping) can reduce pollutant loads in dirty water

### Riparian fencing



- Direct access to surface water bodies by livestock can result in direct inputs of faecal matter and severe bank erosion, providing sources of sediment, nutrients and pathogens.
- Provision of effective riparian (riverbank) fencing can prevent direct inputs of faecal matter and enable establishment of stable banks, thus reducing sediment inputs and improving habitat.

The Hampshire Avon DTC is being led by Professor Adrian Collins from ADAS. The first phase of the project runs until 31st March 2014. For further details please contact:

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If you would like to join the Hampshire Avon DTC and be part of this project, please get in touch. Your local knowledge, experience, expertise and advice will be invaluable in helping to develop the right catchment and farm management solutions for reducing pollution in the Hampshire Avon catchment.

