

Smarter Water Catchments

Evenlode Catchment Fund



<section-header>Sour local Agricultural Advisor is
Sarah OlneyImage: Construction of Sarah Olney</t

We have set up **Smarter Water Catchments** in the **Evenlode** to encourage water sensitive farming. The Evenlode is a headwater of the River Thames flowing from Moreton-in-Marsh to Eynsham over a distance of more than 75km. It drains an area of nearly 30,000 ha and is managed as a number of river 'waterbodies'.

Smarter Water Catchments in the Evenlode has four components (diagram below). One of these is the **Catchment Fund**. This provides grants for infrastructure and farm management specifically designed to reduce the amount of phosphorus lost from fields and farmyards to watercourses. The types of activities and payments provided are set out in this leaflet. Following the successful pilot of this scheme in 2017, we are now opening applications to other parts of the Evenlode (see map). In addition to the Catchment Fund, we are offering an **advice service**, to help you make the best of existing agri-environment schemes. This service includes free farm visits to help design farm activities that reduce phosphorus loss and deliver other benefits on your land. We are also working with the **Evenlode Catchment Partnership** and other local organisations to deliver river and wetland restoration schemes across the catchment. Finally, we are conducting a trial to explore the effectiveness of **No Till and Cover Crops** to reduce the loss of phosphorus to watercourses.



We will be accepting applications to the Catchment Fund from the 14 May to 27 July 2018. Implementation will start on 1 January 2019.

- Is your farm holding located within one of the catchments in the Evenlode?
- Would any of the measures listed overleaf suit your farm business?
- Would you like more information? Please contact your Agricultural Advisor.





Did you know that by adopting some of these measures you will also be helping to deliver **Natural Flood Management**? We are working with the Evenlode Catchment Partnership and their project officer Richard Bennett on an exciting project to identify new locations for ponds, bunds, woody dams and new areas of woodland to help store and slow the flow of water during floods.

Richard has been working in environmental engineering for 17 years. Most recently he has led the design and construction of natural flood management schemes throughout the Evenlode. If you are particularly interested in this work, let Sarah know and she can put you in touch.

Evenlode catchment



Operational measures proposed under the Catchment Fund

The Catchment Fund makes annual payments to support changes in operational practices on your farm. Operational payments can be made for up to three years, and are subject to annual farm checks. The table below summarises these operational measures.

These measures will be targeted to land that is at a high risk of phosphorus loss, for example on land next to watercourses. Our Agricultural Advisor can guide you through the application and assessment process

Code	Measure	Rate ₤	Unit
01	Reversion to different vegetation		
01.1	Arable reversion to grassland (or other lower P agricultural practice)	311	per ha / yr
01.2	Two year sown legume fallow	522	per ha / yr
02	Change cultivation and tillage practices		
02.1	Cultivate and till across slope	20	per ha / yr
03	Protect soils over winter		
03.1	Winter cover crops	110	per ha / yr
04	Using vegetation (buffer strips) to intercept water, sediment and nutrients		
04.1	6m+ buffer strip	353	per ha / yr
04.2	12m+ watercourse buffer strip	512	per ha / yr
04.3	In-field grass strip	557	per ha / yr
04.4	Take small areas out of management	370	per ha / yr
05	Water features to intercept water, sediment and nutrients		
05.1	Management of wetlands, ponds, swales and scrapes	site specific	
06	Farmer innovation		
06.1	Alternative ways of reducing the amount of phosphorus lost from fields and farmyards to watercourses can be proposed as 'Farmer Innovation'	site specific	

Capital measures proposed under the Catchment Fund

Propose alternative ideas for managing phosphorus using the 'Farmer Innovation' Measure

The Catchment Fund provides grants for one-off improvements to farm infrastructure (commonly referred to as capital investment). The table overleaf summarises these capital measures. Capital measures will be targeted to land that is at high risk from phosphorus loss, for example on land next to or close to watercourses.

Code	Measure	Rate ₤	Unit
C1	Change the way P is applied		
C1.1	Farm nutrient management plan with a focus on P	500	item
C2	Improve soil structure and organic matter		
C2.1	Cultivate compacted tillage soils	20	per ha
C3	Improve management of manure in animal housing and yards (clean and dirty water separation)		
C3.1	Outdoor concrete yard renewal	27.2	per m ²
C3.2	Underground drainage pipework	5.5	per m
C3.3	Inspection pit / chamber	200	per unit
C3.4	Rainwater goods (e.g. downpipes and gutters)	11.5	per m
C3.5	Below ground storage tank	350	per m ³
C3.6	Above ground storage tank	100	per m ³
C3.7	Flush rainwater diverters and filters	125	unit
C4	Improve how manure (and silage) is stored		
C4.1	Improvements to dedicated manure (and silage) storage facilities	site specific	
C5	Reduce runoff from tracks and gateways		
C5.1	Gate	150	item
C5.2	Gateway relocation	340	item
C5.3	Resurfacing gateways	92	item
C5.4	Livestock and machinery hardcore track	33	per m
C5.5	Cross drains / cross humps	235	item
C5.6	Installation of piped culvert in ditches	340	item
C6	Water features to intercept water, sediment and nutrients		
C6.1	Creation of wetlands		
C6.2	Creation of swales	sito s	necific
C6.3	Creation of ponds and scrapes	SILES	pecific
C6.4	Creation of bunds		
C7	Keep stock away from watercourses		
C7.1	Post and wire fencing	4	per m
C7.2	Sheep netting fencing	4.9	per m
C7.3	Livestock trough and associated pipework	110	item
C7.4	Hard but permeable base for livestock trough	110	item
C7.5	Pasture pump and associated pipework	220	item
C7.6	Solar panel pumps	660	item
C7.7	Drinking water pipework	2.7	per m
C8	In channel measures to slow flow		
C8.1	Small leaky woody dam	462	item
C8.2	Large leaky woody dam	764	item
C8.3	Check dams	70	item
C9	Farmer Innovation		
C9.1	Alternative ways of reducing the amount of phosphorus lost from fields and farmyards to watercourses can be proposed as 'Farmer Innovation'		

