

Diffuse Water Pollution



- Occurs when nutrients, pesticides, faecal bacteria, chemicals and fine sediments are lost from the land into water
- This represents a cost to the farm business











Priority Catchments:

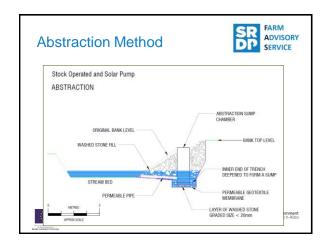


- GAEC 5 Protecting Soil Against Erosion Field and bankside erosion
 GBR's – Protecting Water Quality
 Poaching within 5 m of water course
- Livestock keepers encouraged to exclude livestock from open water courses and traditional water drinking points.
- How can you provide alternative drinking supply?





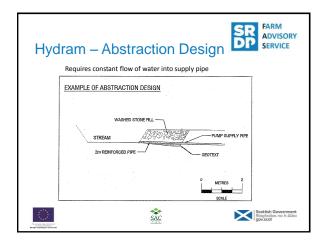














Manage to Reduce Risk



Can you alter field management?

- Temporary electric fencing
- Reduced stocking density
- · Cut for silage
- · Graze with sheep only







Wider Benefits



· Animal Health Disease

From the water or wet and poached grassland

- -Johnes
- Leptospirosis
- Salmonella, cryptosporidia
- Fluke, coccidiosis and clostridial disease
- Physical injury lameness







Funding Options



- Funding is possible under the Agri-Environment Climate Scheme, but it is competitive. (AECS)
- Management payment (ha) for excluding livestock

Water margins in arable: £495/ha Water margins in grassland: £123/ha

Forestry Grant Scheme and other woodland grant schemes







AECS Reduced Stocking



- Grazed Grassland: £80/ha
 Manage for target species:
 Lapwing, Curlew, Snipe and Redshank
- · Wetland Management: £90/ha
- Habitat Mosaic: £104/ha







Capital Funding



· Stock fence: £5.50/m

· Gate: £170

Abstraction point: £476
Stock powered pump: £450
Water powered pump: £1,350
Solar pump £2,000 – £3,000

- Pipe work & connections (buried) £7.77/m
- · Actual cost items







Steading Diffuse Pollution



- · Funding available for actions within steading
- Concrete to form bunds or kerbs to divert water: £7.20/m
- Installation of sediment traps: £10.50/m
- Construction of pond or swale to intercept lightly soiled run-off: £15-21/m₂







Application Deadlines



- Woodland grant application accepted at any time
- Agri-Environment Climate Scheme (AECS) Next submission deadline 31 March 2018







Information



Technical Notes Available Tonight
Pumps Types
Abstraction Point Design

Agri-environment Grant Scheme www.ruralpayments.org















4 Key Points



- · Minimise dirty water around the steading
- · Make best use of nutrients
- Prepare a Risk Assessment for spreading Manures & Slurry
- Look at how you manage water margins fencing off worst areas for poaching – Grants available for now.







Thank You









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