



### River Pollution - Nutrient Cycle & Wetlands

#### NUTRIENT LOSS AND POLLUTION

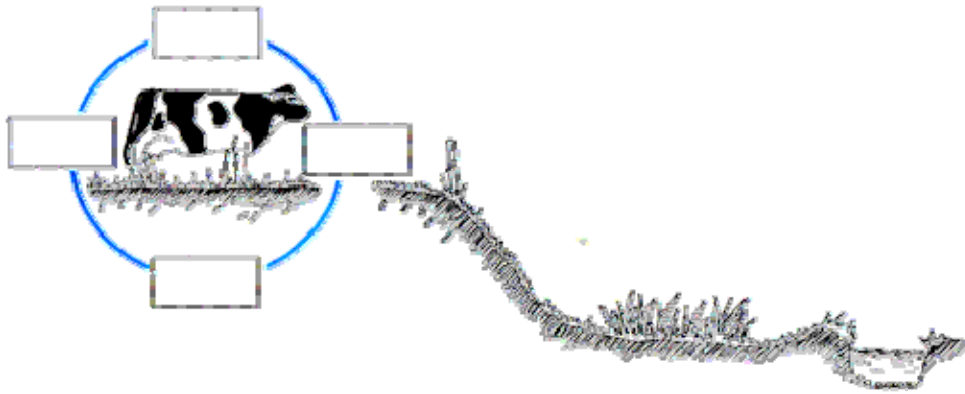
Answer the following questions:

Where might nutrients be lost in this cycle?

What might happen if the nutrients get washed away into the river?

How might the following stop nutrients getting into the river:

- Fencing off the river?
- Creating reed beds within ditches?
- Leaving a buffer strip of land between the animals and the river?
- Recreating wetlands between intensively managed land and the river?



Add arrow heads and label the picture with the four different stages:

**GRASS** - The grass or crops grow using the nutrients in the soil.

**LIVESTOCK** - The animals eat the grass or crops so they can create energy to live

**MANURE** - The animals excrete their waste which falls to the ground.

**SOIL** - Small animals in the soil, like worms, change the nutrients in the manure so they can be used by the grass or crops

You may photocopy materials for classroom use  
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