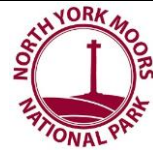
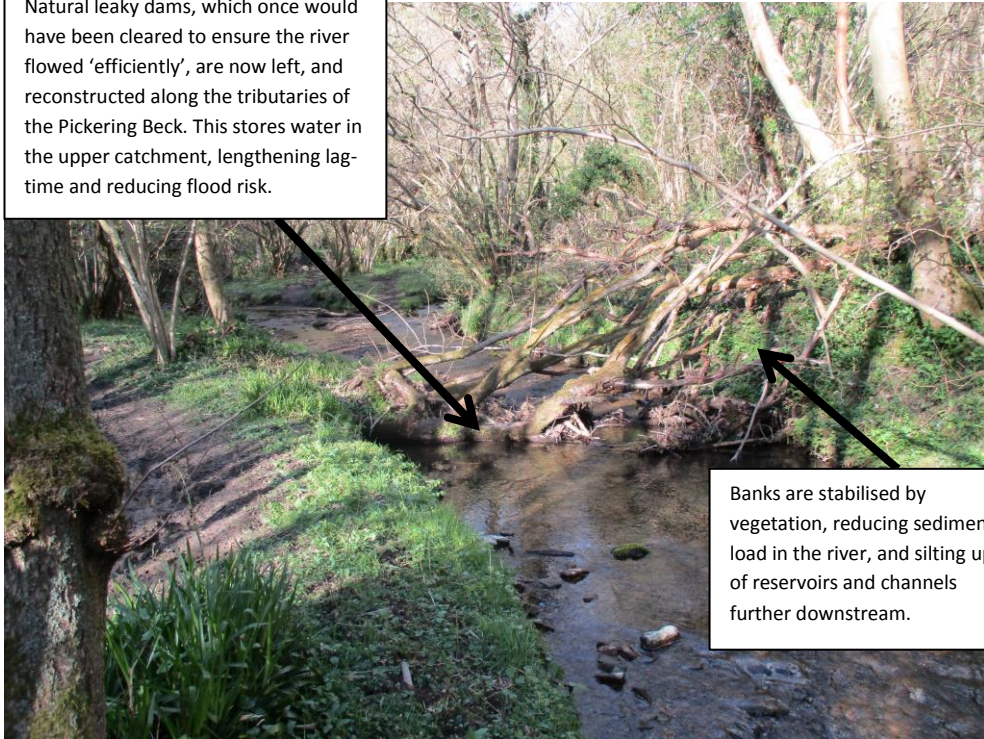


Flood Management Strategy: *Leaving small leaky dams in place on River tributaries. (GR: SE 842 903).*



Sketch and description of approach:

Natural leaky dams, which once would have been cleared to ensure the river flowed 'efficiently', are now left, and reconstructed along the tributaries of the Pickering Beck. This stores water in the upper catchment, lengthening lag-time and reducing flood risk.



Banks are stabilised by vegetation, reducing sediment load in the river, and silting up of reservoirs and channels further downstream.

Bi-polar negative descriptor	-3	-2	-1	1	2	3	Bi-polar positive descriptor
Looks ugly & 'unnatural'							Attractive & looks natural
Provides no habitats for wildlife							Provides plenty of wildlife habitats
Expensive to build/create							Cheap to build/create
Space for your criteria:							
Total Bi-polar score:							

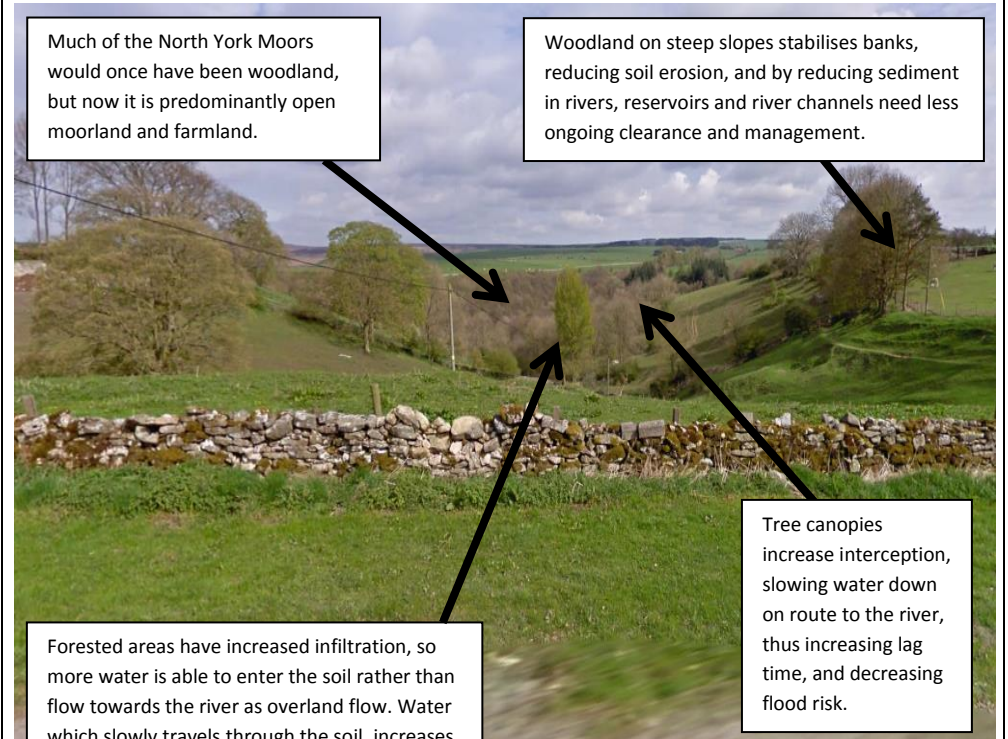
Flood Management Strategy: *Forestry/woodland land use encouraged (GR: SE 847 899)*



Sketch and description of approach:

Much of the North York Moors would once have been woodland, but now it is predominantly open moorland and farmland.

Woodland on steep slopes stabilises banks, reducing soil erosion, and by reducing sediment in rivers, reservoirs and river channels need less ongoing clearance and management.



Forested areas have increased infiltration, so more water is able to enter the soil rather than flow towards the river as overland flow. Water which slowly travels through the soil, increases lag time and thus decreases the flood risk.

Tree canopies increase interception, slowing water down on route to the river, thus increasing lag time, and decreasing flood risk.

Bi-polar negative descriptor	-3	-2	-1	1	2	3	Bi-polar positive descriptor
Looks ugly & 'unnatural'							Attractive & looks natural
Provides no habitats for wildlife							Provides plenty of wildlife habitats
Expensive to build/create							Cheap to build/create
Space for your criteria:							
Total Bi-polar score:							