

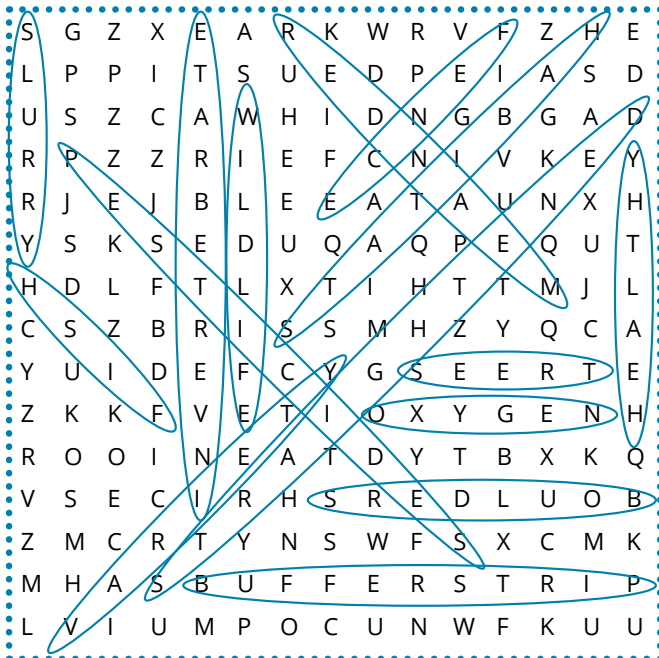
# River Detectives



Investigating healthy rivers in a working landscape

## Answers

### River Detectives word search



#### Word

BOULDERS x  
BUFFERSTRIP x  
FENCE x  
FISH x  
HABITATS x  
HEALTHY x  
INVERTEBRATE x  
MEANDER x  
OXYGEN x  
PESTICIDES x  
SLURRY x  
STRAIGHTENED x  
TREES x  
VARIETY x  
WILDLIFE x

good bad

x  
x  
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x

### Fill in the blanks:

- Putting up a sturdy fence near the river, helps to create a buffer strip, which protects the river from things that aren't very good for it, like cows and sheep who damage the riverbank, eating the plants and trampling soil into the water.
- Buffer Strips also help reduce the amount of farmland pollution from fertilisers and pesticides from reaching the river.
- River creatures need plenty of oxygen in the water so that they can breathe and survive.
- Where rivers have been straightened in the past, they are usually all the same depth and speed and there is less habitat for the different river creatures to live.
- Healthy rivers have natural meanders and a mix of shallow fast - flowing and deep slow - flowing areas of water, where plants can grow and a variety of river creatures can live.
- Healthy river systems help to slow the flow of water, which can help reduce flooding further downstream.