

Year 9 Geography

Worksheet 2

Pollutants from farming include nutrients such as nitrates, chemicals including pesticides, animal medicines, faecal bacteria, soil sediments and microplastics.

This can cause eutrophication which lowers the diversity of plant life in a river, silting of fish spawning grounds, risks to human health, increased water treatment costs and damage to fishing and tourism.

Suggested solutions:

- 1)
- 2)
- 3)

The sewerage networks operated by water companies release untreated and partially-treated sewage into rivers. Overflows are intended to act as safety mechanism without which sewage could potentially back up into domestic and commercial properties during storms.

Overflows are intended to be used only under exceptional circumstances, but their use is increasing as pressure on the sewerage system grows.

Suggested solutions:

- 1)
- 2)
- 3)

Run-off that enters sewers from roads and urban surfaces carries microplastics, oil, grease and litter into water courses. Cleaning wipes and other sanitary products flushed into drains is congealing into blockages that cost companies and customers in the region of £100 million a year.

Suggested solutions:

- 1)
- 2)
- 3)

