

# Low oxygen

Research the Murray-Darling Authority's blackwater web page:

<https://www.mdba.gov.au/managing-water/water-quality/blackwater>, then answer the following:

What is it called when water contains low oxygen? \_\_\_\_\_

Blackwater happens when floodwaters returning to a river from a floodplain contain high levels of \_\_\_\_\_. In the water, microorganisms break down this organic material and use \_\_\_\_\_ from the water in the process.

In the image below, explain the two different colours of the two rivers:



Waterways need some organic matter in them as it provides \_\_\_\_\_ for fish and places for them to \_\_\_\_\_.

Blackwater occurs because:

Reasons why carbon does not get regularly washed off floodplains now include:

What are some consequences for people and animals?

Propose some things that could be done to help with the problem:

Draw a diagram, poster or create a presentation to explain the blackwater process and its causes.