

Statement of participation

Muhammad Farid Wajdi Makkulau

has completed the free course including any mandatory tests for:

Effects of pollutants on the aquatic environment

This 3-hour free course discussed the major sources of water pollution, the pollutants they contain and their effects on the aquatic environment.

Issue date: 18 September 2025

www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:

<https://www.open.edu/openlearn/nature-environment/effects-pollutants-on-the-aquatic-environment/content-section-0>

COURSE CODE: T868_1

Effects of pollutants on the aquatic environment

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Course summary

Effects of pollutants on the aquatic environment is a free course. It begins with an introduction to water and goes on to briefly outline the major sources of water pollution (these being sewage works, manufacturing and industrial plants, the farming and animal husbandry sectors, landfill sites and urban surface water run-off). It considers the major water pollutants and describes the effects they have on water.

Learning outcomes

By completing this course, the learner should be able to:

- list the major sources of water pollutants;
- describe the effects on water due to organic materials, plant nutrients and toxic, physical and biological pollutants;
- list the main diseases caused by microorganisms that can be carried by water.

Completed study

The learner has completed the following:

Section 1

The hydrological cycle

Section 2

Sources of pollution

Section 3

Organic materials

Section 4

Plant nutrients

Section 5

Toxic pollutants

Section 6

Physical pollutants

Section 7

Biological pollutants