
Overview

This standard describes your role in maintaining fisheries habitat. It relates to the work activities that you undertake to maintain and support fisheries habitat. This standard is aimed at those who work in fisheries on either full- or part-time basis.

To meet this standard you will be able to:

1. manage aquatic plant growth
2. manage bankside plant growth
3. improve aquatic habitat
4. improve bankside habitat
5. improve in-stream habitat

This standard relates to the following applications or context:

Use the following tools:

hand tools and equipment
power tools and equipment

Manage vegetation by:

cutting
natural regeneration
planting

Improve habitat characteristics by:

removing silt
creating aquatic structures
bankside repairs
applying fertilisers
removal of obstacles

**Performance
criteria**

You must be able to:

Maintain and improve habitat in support of fisheries

- P1 carry out work safely in line with health and safety requirements
- P2 obtain habitat management requirements and specifications
- P3 prepare tools, equipment and resources into a safe condition ready for use
- P4 manage aquatic and riparian vegetation to meet specified requirements using working practices recommended by the organisation
- P5 improve habitat characteristics to meet specified requirements using working practices recommended by the organisation
- P6 complete work in a manner which causes minimal disturbance to the environment
- P7 deal with difficulties experienced during maintenance within levels of responsibility
- P8 maintain equipment in a service able conditions throughout the process
- P9 dispose of waste safely to minimise environmental risk
- P10 report accurately on completed maintenance

Knowledge and understanding

You need to know and understand:

Maintain and improve habitat in support of fisheries

- K1 the health and safety requirements associated with habitat management
- K2 why vegetation is controlled
- K3 the methods used to manage vegetation
- K4 the importance of habitat management to fisheries
- K5 why it is important to minimise environmental impact during maintenance activities
- K6 how to dispose of waste materials with minimum environmental risk
- K7 the effects of canopy over on fisheries
- K8 the importance of fringe vegetation to fisheries
- K9 why habitat is important to fisheries
- K10 the legal controls on management activities including those associated with sites of special scientific interest
- K11 where chemicals can be used to manage vegetation on a fishery
- K12 common causes of bankside damage
- K13 how to remove silt in a manner which minimises disturbance to aquatic environment
- K14 why it is important to control erosion of riverbanks
- K15 how a scour board can be used to remove silt from a river or a stream
- K16 the biological, physical and chemical characteristics of the fisheries habitat
- K17 how to identify common plant species using identification keys

Glossary

For you to fully understand the content of the standard, and the activities it describes, it is important that you are able to understand the terms used within the standard.

The definitions below should help you with this.

Bankside

Area of ground including bank side and top

Canopy

Wetted area covered by trees and/or shrubs

Environmental risk

Likelihood of damage being caused to the natural environment

Substrate

Material forming the bed of a water body

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Manage fisheries habitat

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