
Overview

This standard deals with the competence required by individuals who are involved in managing a fishery. It is aimed at those who work in fisheries management on either a full- or part-time basis, and can be applied to any sporting estate.

To meet this standard you will be able to:

1. contribute to the development of fisheries management plans
2. complement fisheries management activities

This standard relates to the following application or context:

Assess the following characteristics:

size and structure of fish stocks
distribution of fish stocks
ability of habitat to support fish stocks
interactions with other wildlife

Analyse management information including:

habitat surveys
fishing records
resource usage
published data and research

Establish a clear picture and take action with the following factors:

habitat deterioration
predator/prey interactions
nutritional shortfalls
disease
land usage
human influences
resource shortages

Propose, agree, supervise and maintain fisheries management plans and activities covering:

habitat maintenance
habitat improvement
monitoring and data collection
fish stock management
control of exploitation

Work with the following resources:

LANCU60Ga - SQA Unit Code D9HX 04
Contribute to the management of a fishery

people
equipment
material
time
budget

LANCU60Ga - SQA Unit Code D9HX 04

Contribute to the management of a fishery

Performance criteria

You must be able to:

Contribute to the development of fisheries management plans

- P1 carry out work safely in line with health and safety requirements
- P2 analyse management information to assess fisheries characteristics and derive management recommendations
- P3 establish an understanding of all known factors which may affect the long-term potential of a fishery
- P4 propose fisheries management plans to sustain potential of fishery and to comply with legal requirements
- P5 gain feedback on proposed management plans from stakeholders
- P6 agree final fisheries management plan with stakeholders

You must be able to:

Implement fisheries management plans

- P7 carry out work safely in line with health and safety requirements
- P8 supervise the effective implementation of fisheries management activities within known resource constraints
- P9 ensure that fisheries management activities comply with legal requirements
- P10 take action in response to variations from the fisheries management plan
- P11 maintain communication with relevant stakeholders to facilitate the effective management of fisheries
- P12 maintain accurate management records

LANCU60Ga - SQA Unit Code D9HX 04

Contribute to the management of a fishery

Knowledge and understanding

You need to know and understand:

Contribute to the development of fisheries management plans

- K1 legal requirements pertaining to the management of fisheries
- K2 the life history of fish present in fishery
- K3 the integration between fish stocks and their habitat
- K4 the environmental requirements of the fish present in the fishery
- K5 the actions that can be taken to maintain and improve fisheries habitat
- K6 how to collect and assess management information to determine the characteristics of a fishery
- K7 the methods used to monitor fish populations
- K8 common fish diseases and possible causes of infection
- K9 how to sustain fisheries potential
- K10 the methods used in determining population structure
- K11 how to limit the impact of factors which can affect a fishery
- K12 fishing methods and their application in the removal of fish from fisheries
- K13 the legal designations influencing fisheries management activities
- K14 who stakeholders are and their involvement with the fishery

You need to know and understand:

Implement fisheries management plans

- K15 legal requirements pertaining to the management of fisheries
- K16 the legal designations influencing fisheries management activities
- K17 legal requirements associated with the movement and stocking of fish
- K18 environmental legislation in relation to habitat management
- K19 the life history and habitat requirements of fish species
- K20 common fish diseases and methods of prevention/control
- K21 survey methods used to monitor fisheries
- K22 how data should be collected and recorded
- K23 how fish stocks can be enhanced including the use of restocking programmes
- K24 fishing methods and how they can be used to manage fish in a fishery
- K25 legal requirements controlling the movement of fish
- K26 the actions that can be taken to correct variations from fisheries management plans
- K27 the hazards associated with the handling of bottled oxygen

LANCU60Ga - SQA Unit Code D9HX 04

Contribute to the management of a fishery

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.

Stakeholder

Any person, individual of organisation with an interest in the fishery

LANCU60Ga - SQA Unit Code D9HX 04

Contribute to the management of a fishery

Developed by LANTRA

Version number 1

Date approved April 2009

Indicative review date April 2011

Validity Current

Status Original

Originating organisation LANTRA

Original URN NCU60

Relevant occupations Agriculture, Horticulture and Animal Care; Agriculture; General

Suite Gamekeeping and Wildlife Management

Key words development, plans, characteristics
