



Australian Government

Assessment Requirements for AHCLPW302 Implement a biodiversity monitoring plan

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has, on at least one occasion, monitored biodiversity for a site over a period of time specified in the monitoring plan, and has:

- interpreted purpose and implemented techniques for monitoring biodiversity on a site
- installed and used monitoring equipment
- secured monitoring equipment from theft, vandalism, damage and weather
- selected, maintained, repaired and transported monitoring equipment for site
- recorded data accurately
- conducted biological observations according to ethical and environmentally sensitive procedures
- reported outcomes of biodiversity monitoring according to workplace procedures.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- relationship of ecosystems and the key processes that support them, and impact on monitoring programs
- basic plant and animal classification
- monitoring techniques for flora, vertebrate and invertebrate fauna and microorganisms
- factors affecting monitoring locations within a site
- condition classifications to track changes over time
- types of monitoring equipment used, including:
 - vertebrate and invertebrate traps and trapping techniques
 - digital imaging
 - audio recording

- sampling and collecting plants and mycological samples
- preparation, calibration and adjustments
- setting up and securing monitoring equipment
- biosecurity and maintenance
- securing, labelling and storage of equipment
- data recording techniques and reporting
- ethical standards required for biodiversity monitoring programs
- environmental impact of biodiversity monitoring programs.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on an actual site over a specified time period
- resources, equipment and materials:
 - monitoring equipment specified in monitoring plan
 - personal protective equipment
- specifications:
 - workplace policies and procedures for biodiversity monitoring
 - state/territory and Commonwealth regulations, guidelines, standard operating procedures for ethical and legal monitoring practices
 - manufacturer operating instructions for monitoring equipment
 - workplace monitoring plan
- relationships:
 - supervisor
 - monitoring team
- timeframes:
 - within a specified time period.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>