



Australian Government

AHCPER217 Report information about the local bioregion

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 9.0.

Application

This unit of competency describes the skills and knowledge required to identify, record and report information about a local bioregion to be used by planners of community or permaculture projects.

The unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Permaculture (PER)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to work	1.1 Confirm geographic area and work requirements for bioregion report with supervisor 1.2 Identify, select and prepare materials and resources required to perform the work 1.3 Identify sources of information and literature to support bioregion report

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Identify and engage community for local bioregion information
2. Collect information	2.1 Determine the boundaries and extent of bioregion according to community, geography and biological information 2.2 Identify vernacular names of key plant and animal species of ecosystem 2.3 Identify key features and sites within the bioregion and relationship to ecosystem 2.4 Investigate plant and animal relationships and possible impact on community or permaculture system 2.5 Investigate current land use and land management practices in bioregion 2.6 Identify historical land use within the bioregion 2.7 Identify and document simple food chains and energy flows relevant to local bioregion
3. Review changes	3.1 Identify key environmental changes from historical land use and potential impact on current and future land use 3.2 Summarise environmental trends and their potential impacts on the bioregion 3.3 Identify land and water use practices that can mitigate or repair environmental change
4. Document information	4.1 Collate information about local bioregion 4.2 Prepare report to supervisor according to work requirements and workplace format

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret and evaluate information for bioregional characteristics from a variety of sources to ensure accurate understanding and

Skill	Description
	presentation of information to supervisor
Writing	Prepare documentation and reports to supervisor using clear presentation and language skills and industry specific terminology

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPER217 Report information about the local bioregion	AHCPER203 Record information about the local bioregion	Title change to emphasise job outcome Changes to Application for clarity and to reflect job outcome Changes to Performance Criteria and sequencing for clarity Changes to Performance Evidence, Knowledge Evidence and Assessment Conditions for clarity Addition of Foundation Skills	Not equivalent

Links

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

Assessment Requirements for AHCPER217 Report information about the local bioregion

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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, reported information about the local bioregion and has:

- clarified bioregion reporting requirements with supervisor
- investigated and identified key information required for bioregion, including:
 - boundaries
 - key plant and animal species of the ecosystem
 - key features and sites
 - relationships between elements in the bioregion and impact on community or permaculture system
 - historical and current land use
 - food web and energy flow within the region
- reviewed the environmental changes, trends and impacts on land use in the bioregion
- collated and prepared a report according to requirements.

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:

- specified areas and features of a bioregion, including:
 - land and water territory defined by the geographical limits of human communities and ecological systems
 - water catchment as a key identifier
 - vegetation on the catchment as an essential feature
- vernacular names of plants and animals, with a focus on local common names
- ecological concepts, including:
 - niche

- habitat
- community
- ecosystem
- energy flows
- food webs/chains
- water cycles
- species and species relationships
- plant and animal succession
- permaculture and community perspectives, including:
 - recognising the connections between elements in a system
 - supporting ecological and community co-existence
 - valuing renewable resources and energy
- alternative strategies of trade, including:
 - barter system
 - local exchange trading systems (LETS)
- community resources, including local skills, public transport options, contractors and facilities
- basic report structure and format, including:
 - forms in which to present reports, including oral, visual or written
 - reports and intellectual property
 - acknowledgment of intellectual property used in report.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated in a specified bioregion
- resources, equipment and materials:
 - hand tools and equipment to capture information on bioregion
- specifications:
 - supervisor instructions and report specifications
 - access to sources of information
- relationships:
 - members of the community
 - supervisor.

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

Links

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