



Australian Government

Assessment Requirements for AHCSOL507 Develop and manage a plan to reclaim land affected by salinity

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 developed and managed a plan to reclaim land affected by salinity on at least one occasion, and has:

- assessed land forms and soil types
- determined categories of saline land
- assessed the level of degradation and damage through salinity
- identified salinity indicator plant species
- managed the crop and animal selected for the farm to utilise the saline area
- calculated the costs of the project
- calculated benefits of salinity reduction to the property
- taken soil and water samples for testing
- communicated with adjacent property landowners, relevant authorities and community groups
- researched the latest innovations and salinity management techniques
- documented a long-term plan to reclaim land affected by salinity.

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:

- principles and practices for reclaiming land affected by salinity, including:
 - salt tolerant plant and pasture species, and the management of each
 - range of methods for reclaiming saline land
 - strategies to profit from the saline area
 - value of using natural species and natural systems to improve farm production
 - benefits of biodiversity on plant production and the animal enterprise
 - strategic and responsible use of susceptible land

- consequences of poor management or removal of vegetation on the land.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - principles and practices for reclaiming land affected by salinity
 - fencing tools and equipment
 - water sampling and testing tools and equipment
 - safety and personal protective equipment applicable to reclaiming land affected by salinity
 - industry publications and internet sources of information relevant to researching the latest innovations and salinity management techniques
- relationships:
 - adjacent property landowners, relevant authorities and community groups
- timeframes:
 - according to job requirements.

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>