



**Australian Government**

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

**Release: 1**

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

## 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>