



**Australian Government**

# **AHCSAW505 Plan erosion and sediment control measures**

**Release: 1**

## AHCSAW505 Plan erosion and sediment control measures

### Modification History

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

### Application

This unit of competency describes the skills and knowledge required to develop erosion and sediment control plans.

The unit applies to individuals who work in soil and water conservation and who analyse information and exercise judgement to complete plans and designs for erosion and sediment control. They have accountability for the work of others and analyse, design and communicate solutions to complex problems.

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

### Pre-requisite Unit

Nil

### Unit Sector

Soil and Water Conservation (SAW)

### 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. Establish suitability of development proposal	1.1 Access and analyse development proposal for site 1.2 Investigate development site and compile data on suitability for development 1.3 Consider changes to development proposal, and report to developer or consenting authority 1.4 Verify development proposal complies with regulatory planning

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	authority and environmental, heritage and cultural legislation 1.5 Confirm development proposal meets erosion and sediment control guidelines
2. Develop erosion and sediment control strategy	2.1 Develop erosion control measures for site 2.2 Develop sediment control measures for site 2.3 Apply workplace health and safety and environmentally sustainable practices to strategy 2.4 Establish erosion and sediment control strategies 2.5 Document strategies in cooperation with developer and consenting authority
3. Prepare an erosion and sediment control plan	3.1 Check earthwork structures or measures comply with selection criteria and industry guidelines 3.2 Develop erosion and sediment control plan for site 3.3 Design structures and specifications for erosion and sediment control 3.4 Compile plans, specifications and documentation into final plan, and verify compliance with industry guidelines

## 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.*

<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Organise, evaluate and analyse ideas and information from site development documents, and compare with legislation, regulations and other compliance documents to verify the suitability and compliance of development for site</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Demonstrate sophisticated writing skills by selecting appropriate conventions and stylistic devices to express precise meaning in plans and strategies</li> <li>Prepare documentation and specifications for plans and designs, expressing ideas, exploring complex design issues and</li> </ul>

Skill	Description
	constructing the documents accurately and succinctly to industry standards
Numeracy	<ul style="list-style-type: none"> <li>Interpret complex design ideas and perform calculations with precision and accuracy for inclusion in erosion and sediment control structures</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSAW505 Plan erosion and sediment control measures	AHCSAW502 Plan erosion and sediment control measures	Minor changes to Application Minor changes and splitting of Performance Criteria for clarity Updated Foundation Skills Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	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>