



Australian Government

AHCNRM511 Plan and monitor works projects in catchments and waterways

Release: 1

AHCNRM511 Plan and monitor works projects in catchments and waterways

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 plan, implement, monitor and review works projects conducted in catchments and waterways. This includes engaging and working with stakeholders and ensuring works meet environmental and project outcomes and priorities.

The unit applies to individuals who are engaged in contract project works in catchments and waterways who take personal responsibility and exercise autonomy in undertaking work. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.

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

Pre-requisite Unit

Nil

Unit Sector

Natural Resource Management (NRM)

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. Inspect and assess catchment and waterways sites for inclusion in a works	1.1 Establish the environmental outcomes and priorities of the works program 1.2 Apply workplace health and safety policies and procedures, environmentally sustainable practices and biosecurity measures

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
program	1.3 Conduct a site assessment to confirm the physical characteristics and health of catchment and waterways 1.4 Assess the range of operating conditions, hazards and sensitive environments for impact on proposed projects 1.5 Assess heritage and cultural values of sites 1.6 Consult project stakeholders on the scope and purpose of the works program
2. Plan works project	2.1 Consult with stakeholders to determine project priorities 2.2 Obtain permits, licenses and authorisations 2.3 Determine and source equipment and materials and personnel required for project 2.4 Confirm terms and conditions of project work with project stakeholders 2.5 Prepare plans and specifications for works project 2.6 Complete project documentation and communicate details to stakeholders
3. Monitor works project	3.1 Establish monitoring program according to works objective 3.2 Establish data benchmarks for evaluating the outcomes of project 3.3 Identify ongoing support required of contractors and project workers 3.4 Provide ongoing support according to identified needs in a timely manner 3.5 Monitor condition of the project site to ensure it is left in an agreed condition 3.6 Report outcomes of monitoring to workplace requirements
4. Review works program	4.1 Evaluate projects for compliance with agreed outcomes 4.2 Determine projects comply with environmental targets 4.3 Recommend changes to works program to achieve catchment and waterways priorities where non-compliance has been identified 4.4 Use a relational data management system for recording monitoring data and reporting to stakeholders

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
Writing	Record outcomes of programs into relational database and reports expressing ideas and exploring complex issues in recommendations, ensuring accurate, succinct and logically constructed text
Oral Communication	Establish and maintain effective communications when negotiating and consulting with stakeholders on projects and when providing feedback on project performance

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCNRM511 Plan and monitor works projects in catchments and waterways	AHCNRM506 Plan and monitor works projects in catchments and waterways	Minor changes to Application and Performance Criteria for clarity 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>