



Australian Government

NWPIRR073 Implement and coordinate catchment management plan

Release: 1

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Modification History

Release	Comments
1	This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to NWP512B Implement and manage catchment management plan. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice • Unit title changed to better reflect unit outcomes • Element 4 reworded • PC 1.6 removed • PC 2.2 and 2.4 merged

Application

This unit describes the skills required to implement and coordinate activities in water catchments that impact on water yield and/or quality, to ensure performance measures for the catchment management plan are met.

This unit applies to those working as managers in water organisations with responsibility for the management of water catchments.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work autonomously, managing staff, while performing sophisticated tasks in a range of familiar contexts.

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

Competency Field

Irrigation

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Prepare for catchment management	1.1 Confirm performance measures for the catchment management plan. 1.2 Identify and interpret catchment management requirements. 1.3 Identify user and customer requirements and environmental factors that impact on the catchment area. 1.4 Gather historical catchment information and evaluate as input to the management process. 1.5 Identify, interpret and assess water quality and quantity requirements.
2. Implement the catchment management plan	2.1 Inform stakeholders about catchment activity regulations. 2.2 Develop and coordinate management plan activities. 2.3 Develop the implementation plan.
3. Monitor the catchment management plan	3.1 Design and implement monitoring and testing programs. 3.2 Analyse, interpret and record testing results. 3.3 Manage the identification and investigation of current and/or potential problems. 3.4 Report the results of the investigation of problems and make recommendations. 3.5 Monitor the catchment area usage according to the plan. 3.6 Manage the identification, investigation and reporting of breaches of usage provisions.
4. Review the catchment management plan	4.1 Review objectives of the management and implementation plans. 4.2 Make recommendations for changes to objectives and implementation procedures.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to NWP512B Implement and manage catchment management plan.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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Assessment Requirements for NWPIRR073 Implement and coordinate catchment management plan

Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages. • Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- designing and managing measuring and testing activities
- analysing test results
- coordinating and overseeing the conduct of investigations
- assessing environmental impact
- reading and interpreting a range of numerical data related to water catchment
- developing implementation plans that reflect management plan objectives and organisational requirements
- implementing and managing activities in water catchments that impact on water yield and quality
- ensuring performance measures for the catchment management plan
- gathering, interpreting and synthesising information (including historical data, current legislation and standards, stakeholder views and water quality test results) to underpin the sound management of the water catchment plan
- consulting widely and effectively
- developing implementation plans that address the objectives and requirements specified in the management plan
- developing, implementing and overseeing testing and other monitoring arrangements to track the performance of the catchment management plan
- preparing reports and recommendations for future action

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- relevant historical records
- relevant legislation, policies, procedures
- risk management principles

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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