



Australian Government

NWPSOU014 Develop and implement catchment operational plans

Release: 1

NWPSOU014 Develop and implement catchment operational plans

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 NWP416B Coordinate and monitor water storage catchment activities. • 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 • PC 1.1, 1.2 and 1.4 merged • PC 2.2 renumbered and PC 2.4 removed • One new PC added to Element 2

Application

This unit describes the skills required to develop and implement catchment operational plans.

This unit applies to workers with a specific responsibility for ensuring that storage catchment activities comply with organisational and statutory requirements.

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, particularly those related to WHS.

Those undertaking this unit would work independently or in a team, however, the level of responsibility may vary according to the size, scope, location, and technical complexity of individual projects. They would perform complex tasks, ensuring minimum damage to the environment in a familiar context.

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

Competency Field

Source

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. Confirm the performance measures	1.1 Identify catchment management, stakeholder and water quality and quantity requirements. 1.2 Gather historical catchment information and apply as required. 1.3 Identify environmental factors and issues that impact on the catchment area.
2. Monitor catchment activities	2.1 Conduct monitoring and testing programs. 2.2 Develop catchment operation and maintenance plan. 2.3 Monitor catchment area usage and maintenance activities.
3. Report outcome of testing and monitoring	3.1 Analyse, record and report coordination and monitoring data. 3.2 Identify and investigate current and/or potential problems and report results. 3.3 Identify, investigate and report breaches of usage provisions.

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 NA					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 NWP416B Coordinate and monitor water storage catchment activities.

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 NWPSOU014 Develop and implement catchment operational plans

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.

- using safety equipment and personal protective equipment
- identifying water quality risks and preparing protection strategies
- coordinating and monitoring water storage catchment activities
- identifying catchment management requirements
- identifying stakeholder requirements and environmental factors that impact on water storage catchment areas
- implementing monitoring and testing programs
- monitoring usage
- investigating and reporting on breaches
- reporting on monitoring activities

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
- relevant technical skills
- coordination processes
- system layout, processes
- environmental aspects of catchment areas

- hazardous substances handling
- communication systems
- risk management principles
- risk factors and potential hazards involved with catchment area processes equipment operation, capacity and limitations
- effects of weather and conditions on operation of catchment areas
- pumping and valving systems
- control systems
- pest control specifications
- customer expectations and requirements
- catchment management issues, including:
 - feral/native animals
 - transfer of noxious weeds
 - human interaction with the catchment including litter and waste
 - perimeter inspections
 - fire management
 - mimosa
 - policing role
 - conservation management
 - remote community catchment areas

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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