



Australian Government

NWPSOU007 Implement and coordinate a catchment plan

Release: 1

NWPSOU007 Implement and coordinate a catchment plan

Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to implement and coordinate a catchment plan.

It includes coordinating, monitoring and extending the development of the catchment plan to ensure all aspects are implemented and performance measures and objectives are met. It also includes applying and adhering to relevant legislation, industry regulations and workplace procedures.

This unit applies to those working as leaders with responsibility for management of water catchments. Those undertaking this unit work autonomously, leading 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.

Pre-requisite Unit

Not applicable.

Competency Field

Source

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan for catchment management

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Confirm performance measures for catchment plan

- 1.2 Identify and interpret legislative requirements and organisational policies for the management of water catchment
 - 1.3 Identify and interpret catchment plan requirements
 - 1.4 Identify stakeholder requirements impacting the catchment area
 - 1.5 Gather historical catchment data and evaluate as input to the planning process
 - 1.6 Identify, interpret and assess water quality and quantity requirements
 - 1.7 Identify and interpret environmental and developmental factors impacting water catchment
- 2 **Develop the catchment plan**
 - 2.1 Develop catchment plan components and activities for implementation
 - 2.2 Coordinate catchment plan activities and determine responsibilities and timelines for implementation activities
 - 2.3 Communicate the catchment plan with relevant personnel and stakeholders according to regulations and workplace procedures
- 3 **Monitor and review catchment plan**
 - 3.1 Design and implement monitoring and testing programs and check for compliance against the catchment plan
 - 3.2 Analyse, interpret and record testing results according to workplace procedures
 - 3.3 Identify and investigate current and potential problems for catchment management
 - 3.4 Evaluate objectives and performance of the water catchment plan and report deviations
 - 3.5 Report investigation results and make recommendations according to workplace procedures
 - 3.6 Identify, investigate and report deviations from plan objectives
 - 3.7 Review objectives of the catchment and implementation plans

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to NWPIRR073 Implement and coordinate 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>

Assessment Requirements for NWPSOU007 Implement and coordinate a catchment plan

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- analysing, interpreting and recording test results
- communicating responsibilities of the catchment plan with personnel and stakeholders
- confirming performance measures for the catchment plan
- designing and implementing monitoring and testing activities
- developing implementation plans including objectives and requirements specified in the catchment plan
- evaluating objectives and performance measures of the catchment plan and reporting deviations
- identifying and reporting investigation results
- gathering, interpreting and synthesising information for the water catchment plan including:
 - environmental impacts
 - historical data
 - plan components
 - relevant legislation and industry standards
 - stakeholder requirements
 - water quality test results
- implementing and managing activities in water catchments that impact on water yield and quality
- performing activities associated with implementing and managing catchment plan components
- preparing reports and recommendations for future action

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of:

- environmental impacts of water catchment
- catchment plan development and components
- problem identification and investigation

- relevant information associated with implementing and coordinating a water catchment plan including:
 - historical records and data
 - water industry standards
 - water industry legislation and regulations
 - workplace policies and procedures
- risk management principles
- water quality determinants

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations. Where this is not appropriate, assessment must occur in suitable simulated workplace operational situations reflecting actual workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, facilities, equipment and personal protective equipment currently used in industry
- applicable relevant documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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