



Australian Government

NWPIRR061 Develop and review groundwater management plan

Release: 1

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Modification History

Release	Comments
1	<p>This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages.</p> <p>This unit supersedes and is equivalent to NWP515B Develop and review groundwater management plan.</p> <ul style="list-style-type: none"> • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice

Application

This unit describes the skills required for the management of groundwater as a resource to be used for water supply.

This unit applies to those working as managers in water organisations with responsibility for the development and review of groundwater resources.

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 groundwater management	1.1 Gather historical groundwater information and evaluate as input to the planning process. 1.2 Identify, interpret and assess water quality and quantity requirements. 1.3 Identify and interpret environmental and development factors that impact on groundwater.
2. Develop the groundwater management plan	2.1 Identify and interpret groundwater management requirements. 2.2 Identify, interpret and validate stakeholder requirements that impact on groundwater. 2.3 Develop a groundwater management plan. 2.4 Identify, investigate and report breaches of usage provisions and changes to quality parameters.
3. Review and refine the groundwater management plan	3.1 Assess data from the ongoing implementation and monitoring of the groundwater management plan and use to inform the review of the plan. 3.2 Review objectives of the management and implementation plans. 3.3 Make recommendations for changes to objectives and implementation procedures. 3.4 Provide advice and guidance to groundwater users and other stakeholders.

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 NWP515B Develop and review groundwater management plan.

Links

GSA website - <http://www.govskills.com.au>

Implementation Guide - <http://www.govskills.com.au/guides/water/implementation-guide>

Knowledge Guide - <http://www.govskills.com.au/guides/water/knowledge-guide>

Foundation Skills Guide - <http://www.govskills.com.au/guides/water/foundation-skills-guide>