



Australian Government

Assessment Requirements for AHCWAT303 Access, extract and monitor water for irrigation

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 8.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has undertaken the processes required to order and take delivery of at least three separate parcels of water for a specific property, either as private diverter or as part of an irrigation network. In doing so, the individual must have:

- confirmed the licence and/or water account conditions, including access conditions and penalties that may apply
- identified total water available under the licence and/or account
- confirmed and completed internal and external reporting requirements
- completed an end of year water balance and determined carryover available

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- key features of regulations and conditions that apply to irrigation water extracted and used including:
 - water access licence
 - water use approval
 - works approval
 - delivery/extraction share
- key features of water markets and how they function, including:
 - permanent or entitlement trade
 - temporary or allocation trade
 - key market participants including irrigators, environmental water holders and regulators
 - conditions on market participants

- functions and compliance powers of federal/state/territory and regional water authorities or private infrastructure operators that apply to water extracted and used
- cost and benefits of accessing and extracting irrigation water as a private diverter
- costs and benefits of accessing and extracting irrigation water as an account holder with an irrigation network
- visual and operational checks of water meters, pumps and water delivery infrastructure
- functions and operations of appropriate water registers that apply to the jurisdiction being irrigated
- water use licences and water trade restrictions that apply to water extracted and used
- key features of water entitlements and water allocations, including seasonal variations
- trade restrictions related to water licence and/or water account, including carryover water and inter-valley trade cap requirements
- types and classes of water available in local water market, and their access conditions
- risks associated with water orders and delivery
- lead time under a range of water availability and deliverability scenarios
- water products available in local water market
- key considerations when monitoring weather and weather forecasts
- sources of information on allocation, allocation announcements and market opportunities
- key end of season dates, including dates for water delivery, extraction, carryover, and annual water trading
- end of year water balance, including any carryover.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - digital technologies required to complete the tasks specified in the performance evidence
 - access to property specified in the performance evidence and/or information about the property required to successfully undertake the performance evidence as a simulated scenario
 - access to water supplier metering and extraction rules and requirements
- specifications:
 - access to water licence or water account information required to complete tasks in the performance evidence

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>