

**Modification history**

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

AHCWAT5X2	Identify carry over water or continuous accounting options
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to evaluate options to determine what to do with water that may be carried over from one year to another, including sale or storage.</p> <p>The unit applies to individuals that apply specialised knowledge, skills and judgement to navigate complex water regulations and markets, research and analyse information, monitor change and develop strategies to manage their water holdings. The unit may be used by agricultural workers, including those that grow plants or livestock. It may also apply to people that trade water for other sectors.</p> <p>Commonwealth and state/territory and regional/local legislation, regulations and rules apply to the purchase, sale and use of water. Requirements vary between jurisdictions.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Water (WAT)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine excess water available at the end of the season	1.1 Confirm entitlement and current water holding account 1.2 Determine quantity of water that will be carried over automatically (by water authority) based on water entitlement 1.3 Calculate remaining water quantity available for sale and/or carry over water or continuous accounting.
2. Consider options for water that may be either sold or carried over	2.1 Research storage facilities where carry over or continuous accounting water may be stored 2.2 Research trading zones where water may be sold prior to end of growing season 2.3 Research the legislation, regulations and rules that apply to storing and /or selling carry over or continuous accounting water 2.4 Determine the costs of storing water 2.5 Undertake cost benefit analysis to determine benefits and risks of selling, buying or retaining water as carry over or continuous accounting 2.6 Decide quantity of water to store as carry over or continuous accounting water

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Find space to carry over water	3.1 Identify platforms, water brokers and other trading options to facilitate the holding of water as carry over or continuous accounting 3.2 Select person or organisation that has the capacity to hold carry over water or continuous accounting, negotiate and agree costs of storage and retrieval of carry over water 3.3 Check and confirm terms and conditions of carry over water or continuous accounting contract. 3.4 Commit to carry over water or continuous accounting transaction and complete the transaction using appropriate water broker/ trading platform or method 3.5 Undertake ongoing requirements that apply to the water trade, if required
4. Utilise unoccupied space for parking water	4.1 Assess parking space available and potential risks of parking 4.2 Determine pricing 4.3 Check formal and informal leasing opportunities 4.4 Negotiate lease of space and complete required documentation for financial transaction 4.5 Monitor compliance with obligations of lease agreement

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<b>Foundation Skills</b>	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Interpret legislation, regulations and rules related to water trading</li> <li>Identify critical information in water market reports</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Record and report information and data accurately using appropriate regulatory and industry terminology</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Use open and closed questions to gather information</li> <li>Use summarising and paraphrasing to confirm information and messages</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Measure and calculate area, volume, percentage, ratio and unit costs</li> <li>Use appropriate terminology to describe water volumes, including megalitres (ML) and gigalitres (GL)</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCWAT5X2 Identify carry over water or continuous accounting options	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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TITLE	Assessment requirements for AHCWAT5X2 Identify carry over water or continuous accounting options
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has undertaken the processes to make a carry over decision, then trade at least two different carry over or continuous accounting water products. For each trade, the individual must have:</p> <ul style="list-style-type: none"> <li>• determined the carry over or continuous accounting water requirement for the upcoming season</li> <li>• identified the water for retention and water proposed for sale</li> <li>• consulted regulatory authority and confirmed the regulatory requirements and trading rules related to the sale of water products</li> <li>• completed a cost benefit analysis for the water transaction</li> <li>• developed a strategy to carry over or continuously account the water</li> <li>• purchased more carry over or continuous accounting space</li> <li>• determined the selection criteria for choice of water trading method and water broker</li> <li>• consulted a water broker to discuss options to carry over or continuously account water</li> <li>• used digital technologies and software to research water products</li> <li>• produced a report for each water transaction that includes: <ul style="list-style-type: none"> <li>• determination of carry over or continuous accounting quantity and type proposed for transaction</li> <li>• risk analysis</li> <li>• financial planning</li> <li>• carry over or continuous accounting strategy, including a rationale for timing of the purchase</li> <li>• key sources of information for water products</li> </ul> </li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• key features of legislation and regulations that apply to carry over or continuous accounting within a water market</li> <li>• powers and functions of state and regional water authorities that apply to the carry over or continuous accounting within a water market</li> <li>• limitations of licence types related to carry over or continuous accounting within a water market</li> <li>• water use licences and water trade restrictions that apply to local area</li> <li>• key features of water entitlements and water allocations, including seasonal variations</li> <li>• key principles of carry over water or continuous accounting</li> <li>• types and classes of water available in local and other markets applicable to carry over or continuous accounting</li> <li>• features and benefits of carry over or continuous accounting</li> <li>• risk analysis and risk management strategies related to carry over or continuous accounting, including long range weather forecast and long-term water allocation</li> <li>• when and how to seek legal and financial advice</li> <li>• water trading rules and/or guidelines provided by local water authorities and the Australian Competition and Consumer Commission</li> <li>• sources of current information on allocation, allocation announcements and market opportunities</li> <li>• historical data and analysis on long-term reliability of different entitlement types or water products</li> <li>• considerations when developing a strategy for carry over water, including: <ul style="list-style-type: none"> <li>• total volume</li> <li>• timing and/or sequencing water sale</li> <li>• legal advice</li> <li>• securing water for following season</li> <li>• financing</li> <li>• water allocation seasonal forecasts</li> </ul> </li> </ul>	

<b>Assessment Conditions</b>
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"><li>• physical conditions:<ul style="list-style-type: none"><li>• a workplace or an environment that accurately represents workplace conditions</li></ul></li><li>• resources, equipment and materials:<ul style="list-style-type: none"><li>• digital technologies and software required to complete the tasks specified in the performance evidence</li><li>• historical data related to water trading and seasonal water allocations</li><li>• access to water trading platform</li></ul></li><li>• specifications:<ul style="list-style-type: none"><li>• access to legislation, regulations and trading rules that apply to the water transactions specified in the performance evidence</li></ul></li><li>• relationships<ul style="list-style-type: none"><li>• water broker</li><li>• water authority and/or industry body</li></ul></li></ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>

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