

**Modification history**

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

<b>AHCWRK3X1</b>	<b>Collect samples for a rural production or horticulture monitoring program</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to collect samples as part of a rural production or horticulture monitoring program or while conducting post-mortem examination of livestock or other animals.</p> <p>The unit applies to individuals who collect samples under broad direction, and take responsibility for their own work.</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>	Work (WRK)

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. Plan for collection of samples	1.1 Confirm purpose and scope of sample collection activity with supervisor or from work instructions 1.2 Confirm sample collection schedule with supervisor 1.3 Confirm sampling site location and gain approval for site access where required 1.4 Identify samples to be collected and preserved with supervisor 1.5 Assess range of likely operating conditions, hazards and difficult or sensitive environments for impact on sampling and testing
2. Prepare equipment and resources	2.1 Source equipment required for sampling and preserving according to sampling procedures 2.2 Check tools and equipment for serviceability 2.3 Identify faulty or unsafe tools and equipment and separate for repair or replacement 2.4 Identify potential hazards and risks, and implement safe working practices to manage risks 2.5 Select, fit, use and maintain personal protective equipment (PPE) applicable to the task 2.6 Collect data or record sheets or books for use 2.7 Move tools, equipment, data sheets and personnel to sampling sites and prepare for use
3. Carry out sampling and preserving procedures	3.1 Collect samples according to sampling plan 3.2 Preserve and record samples 3.3 Prepare and package samples for external analysis according to laboratory standards and send to laboratory 3.4 Package and transport hazardous materials appropriately 3.5 Make observations including information on the surrounding area and environmental conditions 3.6 Report and deliver collection outcomes including presentation of samples
4. Complete sample collection activities	4.1 Clean, sanitise, maintain and store tools, equipment and PPE 4.2 Record sampling results and observations on data sheets and forward to appropriate person 4.3 Report sampling results and changes in field conditions, and tools and equipment unserviceability to supervisor

DRAFT

<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>Identify and interpret textual information from a range of sources to identify relevant and key information about sample collection activities</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Use clear language, accurate industry terminology and logical structure to prepare records</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Use clear language with supervisor to confirm purpose and scope of sample collection activity</li> <li>Use clear language to report sampling results and changes in field conditions, and tools and equipment unserviceability</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>
AHCWRK3X1 Collect samples for a rural production or horticulture monitoring program	AHCWRK301 Collect samples for a rural production or horticulture monitoring program	Minor changes application Major and minor changes to performance criteria Foundation skills added Major and minor edits to performance and knowledge evidence and assessment conditions	Not equivalent
<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>	

<b>TITLE</b>	<b>Assessment requirements for AHCWRK3X1 Collect samples for a rural production or horticulture monitoring program</b>
<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 collected samples for a rural production or horticulture monitoring program on at least one occasion and has:</p> <ul style="list-style-type: none"> <li>planned for collection of samples and moved equipment to the site</li> <li>applied workplace health and safety requirements, including fitted and used personal protective equipment (PPE)</li> <li>collected and preserved samples for a given site</li> <li>recorded sampling results and observations on data sheets</li> <li>carried out sampling procedures</li> <li>made observations and distinguished atypical circumstances</li> <li>prepared samples</li> <li>packaged samples for transport to laboratory</li> <li>used and operated sampling tools and equipment relevant to the sampling activity</li> <li>used industry standard terminology.</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>hydrological cycle</li> <li>field procedures for sampling and preservation</li> <li>collecting equipment and methods</li> <li>preservation equipment and processes</li> <li>basic habitat assessment</li> <li>water quality issues</li> <li>fauna and flora recognition relevant to sampling activities</li> <li>topographical, climatic or environmental influence on material or sampling procedure</li> <li>workplace requirements applicable to health and safety in the workplace for collecting samples for rural production or horticulture monitoring programs</li> <li>sample recording and reporting procedures.</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 setting or an environment that accurately represents workplace conditions</li> </ul> </li> <li>resources, equipment and materials: <ul style="list-style-type: none"> <li>sample collection, tools and equipment</li> <li>PPE applicable to collecting samples for rural production or horticulture monitoring programs</li> </ul> </li> <li>specifications: <ul style="list-style-type: none"> <li>workplace health and safety legislation, regulations, codes of practice and workplace procedures relevant to collecting samples for rural production or horticulture monitoring programs</li> </ul> </li> <li>relationships: <ul style="list-style-type: none"> <li>supervisor.</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>	
<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>